



## **WARRANTY**

If applied as per the recommendation in the product data-sheet, Products are guaranteed for the purpose of which it is recommended.

We cannot assume responsibility of misuse of our products. We assume no responsibility for the finished work as we have no control over factors such as mixing application, background preparation, weather and other condition that may prevail at the time of applications.



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## SUPERMIX AFA

*Liquid alkali free accelerator for sprayed concrete*

### DESCRIPTION

SuperPlast AFA is a high performance alkali free accelerator, mainly for use in the wet spraying process, but can also be used in the dry spraying process and cementitious grouting. It is a liquid additive whose dosage can be varied to the desired setting and hardening times. It is chloride free.

### USES

Typical applications SuperPlast AA is suitable for all applications where large coating thicknesses and early strength values are decisive. Principal applications are

- Tunnels
- Galleries
- Mining
- Slope and construction pit protection
- Repair works

### ADVANTAGES

- Faster setting and higher early strengths than with sprayed concrete without set accelerators
- Increased layer thicknesses possible
- Secures rapid work progress
- Low viscosity
- Easy to mix into the concrete, also at low temperatures
- Low consumption
- Achieves higher final strengths and more durable sprayed concrete as compared with traditional accelerators

### Typical Properties

Form	Thixotropic liquid
Colour	Off-white
Density	~ 1.4 g/ml
Chloride content	Nil

### DIRECTIONS FOR USE

The substrate must be clean and free from loose particles and preferably damp. It is recommended to use only fresh cement as the age of the cement can have a negative influence on the setting characteristics of the mix.

### CONSUMPTION:

The required setting time and hence the dosage are determined by the type of substrate. Dosage has also to be adjusted to the temperature of the substrate and the sprayed material, and to the reaction time of the cement. According to the required setting time, the consumption of SuperPlast AA ranges between 2-6% of the binder weight. Overdosing (>6%) can cause a corresponding reduction in final strength.

### PACKING

Available in 200/250, 1000 Kg packs.

### STORAGE

Can be stored under shaded dry condition for a period of 6 months.

### QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERMIX AA

*Liquid accelerator for sprayed concrete*

## DESCRIPTION

SuperPlast AA is a high performance accelerator, mainly for use in the wet spraying process, but can also be used in the dry spraying process. It is a liquid additive whose dosage can be varied to the desired setting and hardening times.

## USES

Typical applications SuperPlast AA is suitable for all applications where large coating thicknesses and early strength values are decisive. Principal applications are

- Tunnels
- Galleries
- Mining
- Slope and construction pit protection
- Repair works

## ADVANTAGES

- Faster setting and higher early strengths than with sprayed concrete without set accelerators
- Increased layer thicknesses possible
- Secures rapid work progress
- Low viscosity
- Easy to mix into the concrete, also at low temperatures
- Low consumption
- Achieves higher final strengths and more durable sprayed concrete as compared with traditional accelerators

## TYPICAL PROPERTIES

Form: liquid  
Colour: Transparent / Translucent  
Density at 30°C: ~ 1.35  
pH value: 10 - 12  
Chloride content: NIL

## CONSUMPTION:

The required setting time and hence the dosage are determined by the type of substrate. Dosage has also to be adjusted to the temperature of the substrate and the sprayed material, and to the reaction time of the cement. According to the required setting time, the consumption of SuperPlast AA ranges between 2-8% of the binder weight. Overdosing (>8%) can cause a corresponding reduction in final strength.

## PACKING

Available in 200/250, 1000 Kg packs.

## STORAGE

Can be stored under shaded dry condition for a period of 6 months.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## **SUPERMIX CA**

*Chloride Free Accelerating Admixture*

### **DESCRIPTION**

Chloride free accelerating admixture. High early strength accelerated setting time in concrete and mortar.

### **COMPOSITION**

Designed to meet ASTM C 494 type C

### **ADVANTAGES**

- Can be used with all types of cement.
- High early strength
- Enhanced workability
- Suitable for concreting in low temperature etc.

### **SPECIFIC GRAVITY**

Approximately 1.27 at 30deg C

### **DOSAGE**

It should be noted that the rate of acceleration depends the quality of aggregate, the temperature of water and ambient conditions. Hence it is advisable to prepare a test sample at site to determine the dosage of this admixture. Recommended dosage however is 1 to 1.5 lit per 50 kg of cement.

### **SPECIAL NOTE**

Please ensure the placement of concrete is carried out as recommended in the code of practice of civil engineer. .

### **PACKING**

200 lit.

### **STORAGE**

Can be stored upto 12 months in original container under dry & shaded condition..

### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## SUPERMIX EA

*Liquid Air Entrainer*

### DESCRIPTION :

Air entraining admixture to improve cohesivity and workability of concrete where aggregate grading line can not be controlled.

**COMPOSITION :** designed as per IS 9103:2000

### ADVANTAGES :

- Air entrainment provides good workability in concrete where grading line of aggregate is difficult to control.
- Acts also as a plasticizing and water reducing agent.
- Increase the cohesivity thus providing good compaction.

### TYPICAL PROPERTIES

Colour:	Pink liquid.
Specific gravity:	1.0 at 30°C.
Air entrainment:	2 ± 1% according to grading of sand and water content.
Chloride content:	Nil.
Nitrate content:	Nil.
Freezing point::	0°C. Can be reconstituted if stirred after thawing.

### DOSAGE :

It should be noted that the degree of air entrainment depends on the quality of aggregates, the temperature of water and ambient conditions. Hence it is advisable to prepare a test sample at site to determine the dosage of this admixture. Recommended dosage however is 0.10 to 0.20Ltrs. per 50 kg of cement.

### PACKING :

5,30 & 200 Ltrs.

### STORAGE :

Can be stored upto 12 months in original container under shaded and dry condition.

### QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## **SUPERMIX HSP**

*High Early Strength Super Plasticiser*

### **DESCRIPTION :**

High early strength super plasticizer.

**COMPOSITION :** designed as per IS 9103:2000

### **ADVANTAGES :**

- Rapid strength development enables early stripping of moulds enabling speedy and economical construction.
- 15 – 20 % cement saving in relation to normal concrete.
- Ideally suited for pre-cast manufacture.

### **DOSAGE :**

It should be noted that the performance depends on the quality of aggregates, the temperature of water and ambient conditions. Hence it is advisable to prepare a test sample at site to determine the dosage of this admixture. Recommended dosage however is 0.35 to 0.70 kg per 50 kg of cement.

### **PACKING :**

5,30 & 200 Kg.

### **STORAGE :**

Can be stored upto 12 months in original container under shaded and dry condition.

### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERMIX SPL

*Super-Plasticizing Admixture for Concrete*

## DESCRIPTION

Super plasticizing admixture for concrete in-situ as well as pre-cast. Chloride free.

## COMPOSITION

Designed to meet IS9103:2000.

## ADVANTAGES

- Enhanced flow
- Increased cohesivity resulting in better compaction
- Improves pumpability
- Risk of segregation considerably reduced
- Reduction in water
- High early and final strength

## SPECIFIC GRAVITY

Approximately 1.22 at 30 deg C

## AIR ENTERTAINMENT

Approximately 1%

## OBSERVATION & RESULT

Specimen	W/C ratio	Slump	Cement/	M1	Comp.
		(mm)	Content	M2	Strength
			Kg/m <sup>3</sup>	Sand	Kg/cm <sup>2</sup>
No Admixture	0.45	30	467	20	310
				40	
				40	
With plasticizer				20	335
SuperMix -SPL	0.45	35	370	40	
0.25l/50Kg. cement				40	

## DOSAGE

It should be noted that the performance depends on the quality of aggregate, the temperature of water and ambient conditions. Hence it is advisable to prepare a test sample at site to determine the dosage of this admixture. Recommended dosage however is 1 to 0.25 to 1 ltr. Per 50 kg of cement.

## SPECIAL NOTE

Overdosing will cost only additional retardation with increased workability and will not affect the final strength. Hence no cause for alarm.

## PACKING

200 lit.

## STORAGE

Can be stored upto 12 months in original container under dry & shaded condition..

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## **SUPERMIX WRA**

*Retarding and Water Reducing  
Admixture for Concrete*

### **DESCRIPTION**

Retarding and water reducing admixtures to increase the life of a placeable concrete.

### **COMPOSITION**

Designed to meet IS9103:2000

### **ADVANTAGES**

- To extend the life of usable concrete
- To reduce the risk of fast setting at high temperature while placing
- Cement saver
- Better cohesivity
- Suitable for piling work.
- Enable to pour large areas without cold joints.
- Ideally suited for RaedyMix Concrete.
- Higher strength with lower W/C

### **DOSAGE**

It should be noted that the rate of acceleration depends the quality of aggregate, the temperature of water and ambient conditions. Hence it is advisable to prepare a test sample at site to determine the dosage of this admixture. Recommended dosage however is 1 to 1.5 lit per 50 kg of cement.

### **SPECIAL NOTE**

Please ensure the placement of concrete is carried out as recommended in the code of practice of civil engineer.

### **PACKING**

200 lit.

### **STORAGE**

Can be stored upto 12 months in original container under dry & shaded condition..

### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERPLAST IHP

*Integral Water Repellent and Hyperplasticiser Admixture for Durable Concrete*

## DESCRIPTION

SuperPlast IHP admixture is a stable dispersion of stearate and other water repellent compounds coupled with strong water reducing hyper polycarboxylate hyperplasticiser that is added into ready mixed concrete during mixing. SuperPlast IHP is a ready to-use, factory prepared liquid that will simplify handling and eliminate guesswork and generate Durable concrete.

## USAGE

It is a well known fact that even good quality concretes, mortars, etc. that are properly placed, set or applied then cured, are inherently porous or permeable to water. The free passage of moisture occurs in pores formed during and after placing. SuperPlast IHP forms an internal barrier against water transmission in mixes used for ready mixed or precast concrete.

## MECHANISM

The addition of SuperPlast IHP to the mix will provide hydrophobic (water-repelling) properties. The water insoluble stearate acts as a non-wettable lining on the walls of all pores and voids in the mix, making them water repellent. The SuperPlast IHP “built-in” water barriers guard against damage caused by water infiltration.

## BENEFITS AND ADVANTAGES

The addition of SuperPlast IHP will reduce the amount of water that permeates through the concrete. Reducing the passage of water will provide beneficial advantages by:

- Increasing resistance to weathering, wetting and drying freezing and thawing
- Increase resistance to chemical attack
- Reduce the potential for efflorescence
- Reduce the probability of corrosion of embedded metal

## IMPROVED PRODUCT QUALITY

Higher quality concrete will result from the use of SuperPlast IHP. The workability of mixes will be improved especially in low cement content concrete mixes. The protection of embedded steel and resistance to bacteria or fungus growth may also be increased by keeping the concrete drier.

## PROPERTIES

<b>Appearance</b>	Milky white Liquid
<b>Specific Gravity</b>	~ 0.9 – 1.0

## APPLICATION

SuperPlast IHP should be added separately to the initial batching water to ensure complete distribution throughout the mix. Use only drinkable water. Do not use sea water, bore water or water containing a high dissolved mineral content, for mixing concrete.

## DOSAGE

Recommended dosage rate is 400 - 500 ml per 100 kg of cementitious materials. For a higher degree of water-repellency, use upto 1500ml per 100kg of cement.



#### **AIR CONTENT**

Added by itself, SuperPlast IHP may have a slight effect on the entrained air volume. Trial mixes or field tests are recommended to evaluate its effect with your material at your plant. Overdosing can cause variations in air content.

#### **CURING**

Proper curing of the in-place mix is vital. Allowing the mix to prematurely dry out should be prevented because re-wetting (and continued hydration) may not be effective.

#### **PACKAGING**

SuperPlast IHP is available in 200 L / 235 L drums.

#### **STORAGE**

Can be stored upto 12 months in original container under dry & shaded condition..

#### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERTILE TA**

*General Tile Adhesive*

## **DESCRIPTION**

SuperTile TA is a premixed water resistant Tile adhesive for fixing of all kinds of ceramic/glazed, marble/Granite and swimming pools tiles, using thin bed technique. The average thickness of adhesive will be 2 to 3 mm applied using a serrated trowel. This can also be used for fixing tile on tile.

## **COMPLIANCE**

Designed to comply with requirements of EU, ASTM, ANSI.

## **COMPOSITION**

SuperTile TA is a blend of high quality Portland cement (where white colour is required can be manufactured with white Portland cement) processed & graded Silica Sand, Chemical improving agents to provide enhanced workability, higher bond strength, improved water resistant properties and to minimize shrinkage.

## **BACKGROUND PREPARATION**

Sand cement rendered background should be cleaned devoid of all contaminants, loose particles and dust. Plasterboard can cement board should be cleaned using a damp brush. Pre-wetting of the plaster is essential before tilling at least before 15 to 20 minutes the commencement of work. Under no circumstances SuperTile TA should be applied on dry surface or over wet background. For tile on tile work the old surface should be cleaned thoroughly.

## **MIXING**

In a clean bucket using a mechanical mixer (recommended) mix 25 kg of SuperTile TA with 5.75 to 6.25 Ltrs. Of clean potable water to achieve a uniform mix. If hand-mixed please ensure the mix is homogeneous. Allow the mix to stand for 5 minutes, Mix again without any additional water.

## **APPLICATION**

Using a steel trowel apply the mortar on to background to a uniform thickness of 2 to 3 mm immediately groove over with serrated trowel Spread only 10 Sq .Ft. at a time. Fix the tile firmly on to the adhesive. Where alignment is required tiles can be tapped gently with the wooden mallet.

## **SPECIAL NOTE**

Pre-wetting of the tiles is essential. However manufacturers recommendations should be allowed . Applying tile adhesive on the back of the tile is not required. Where essential it should be spread evenly to the entire back of the tile.

## **CONSUMPTION/COVERAGE**

0.75 kg per Sq.Ft. @ 3 mm thick using a serrated trowel.(provided upon request)

**CURING**

It is recommended to keep the tiled area moist for a period of 2 days.

**GROUTING**

It is recommended to grout after 48 hrs of tiling with SuperTile TJF.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## **SUPERTILE MTA**

*Multi-Purpose Tile Adhesive*

### **DESCRIPTION**

SuperTile MTA is a premixed water resistant Tile adhesive for fixing of all kinds of ceramic/glazed, marble/Granite and swimming pools tiles, using thin bed technique. The average thickness of adhesive will be 2 to 3 mm applied using a serrated trowel. This can also be used for fixing tile on tile.

### **COMPLIANCE**

Designed to comply with requirements of EU, ASTM, ANSI.

### **COMPOSITION**

SuperTile MTA is a blend of high quality Portland cement (where white colour is required can be manufactured with white Portland cement) processed & graded Silica Sand, Chemical improving agents to provide enhanced workability, higher bond strength, improved water resistant properties and to minimize shrinkage.

### **BACKGROUND PREPARATION**

Sand cement rendered background should be cleaned devoid of all contaminants, loose particles and dust. Plasterboard can cement board should be cleaned using a damp brush. Pre-wetting of the plaster is essential before tilling at least before 15 to 20 minutes the commencement of work. Under no circumstances SuperTile MTA should be applied on dry surface or over wet background. For tile on tile work the old surface should be cleaned thoroughly.

### **MIXING**

In a clean bucket using a mechanical mixer (recommended) mix 25 kg of SuperTile MTA with 5.75 to 6.25 Ltrs. Of clean potable water to achieve a uniform mix. If hand-mixed please ensure the mix is homogeneous. Allow the mix to stand for 5 minutes, Mix again without any additional water.

### **APPLICATION**

Using a steel trowel apply the mortar on to background to a uniform thickness of 2 to 3 mm immediately groove over with serrated trowel Spread only 10 Sq .Ft. at a time. Fix the tile firmly on to the adhesive. Where alignment is required tiles can be tapped gently with the wooden mallet.

### **SPECIAL NOTE**

Pre-wetting of the tiles is essential. However manufacturers recommendations should be allowed . Applying tile adhesive on the back of the tile is not required. Where essential it should be spread evenly to the entire back of the tile.

### **CONSUMPTION/COVERAGE**

0.75 kg per Sq.Ft. @ 3 mm thick using a serrated trowel.(provided upon request)

**CURING**

It is recommended to keep the tiled area moist for a period of 2 days.

**GROUTING**

It is recommended to grout after 48 hrs of tiling with SuperTile TJF.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERTILE STA**

*Special Tile Adhesive*

## **DESCRIPTION**

SuperTile STA is a cement based polymer rich waterproof tile adhesive where flexibility/high bonding is required. Suitable for fixing ceramic/glazed tiles/marble/granite etc. where expansion and contraction takes place regularly. Ideal for boiler rooms, heated Swimming Pools and areas where there is vibration on tile.

## **COMPLIANCE**

Designed to meet the requirements of BS, ASTM, ANSI.

## **COMPOSITION**

SuperTile STA is a blend of high quality Portland cement (where white colour is required can be manufactured with white Portland cement) processed & graded Silica Sand, Chemical improving agents to provide enhanced workability, higher bond strength, improved water resistant properties and to absorb certain structural and thermal variations.

## **BACKGROUND PREPARATION**

Sand cement rendered background should be cleaned devoid of all contaminants, loose particles and dust. Plasterboard can cement board should be cleaned using a damp brush. Pre-wetting of the plaster is essential before tilling at least before 15 to 20 minutes the commencement of work. Under no circumstances SuperTile STA should be applied on dry surface or over wet background. For tile on tile work the old surface should be cleaned thoroughly.

## **MIXING**

In a clean bucket using a mechanical mixer (recommended) mix 25 kg of SuperTile STA with 7.0 to 7.5 Ltrs. of clean potable water to achieve a uniform mix. If hand-mixed, please ensure the mix is homogeneous. Allow the mix to stand for 5 minutes, Mix again without any additional water.

## **APPLICATION**

Using a steel trowel apply the mortar on to background to a uniform thickness of 2 to 3 mm immediately groove over with serrated trowel Spread only 10 Sq .Ft. at a time. Fix the tile firmly on to the adhesive. Where alignment is required tiles can be tapped gently with the wooden mallet.

## **SPECIAL NOTE**

Pre-wetting of the tiles is essential. However manufacturers recommendations should be followed . Applying tile adhesive on the back of the tile is not required. Where essential it should be spread evenly to the entire back of the tile.

## **CONSUMPTION/COVERAGE**

0.75 kg per Sq.Ft. @ 3 mm thick using a serrated trowel.(provided upon request)

## **CURING**

It is recommended to keep the tiled area moist for a period of 2 days.

**GROUTING**

It is recommended to grout after 48 hrs of tilling with Supertile- Joint filler.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERTILE FTA**

*Flexible Tile Adhesive*

## **DESCRIPTION**

SuperTile FTA is a cement based polymer rich waterproof tile adhesive where flexibility/high bonding is required. Suitable for fixing ceramic/glazed tiles/marble/granite etc. where expansion and contraction takes place regularly. Ideal for boiler rooms, heated Swimming Pools and areas where there is vibration on tile.

## **COMPLIANCE**

Designed to comply with EU, ASTM, ANSI.

## **COMPOSITION**

SuperTile FTA is a blend of high quality Portland cement (where white color is required can be manufactured with white Portland cement) processed & graded Silica Sand, Chemical improving agents to provide enhanced workability, higher bond strength, improved water resistant properties and to absorb certain structural and thermal variations.

## **BACKGROUND PREPARATION**

Sand cement rendered background should be cleaned devoid of all contaminants, loose particles and dust. Plasterboard can cement board should be cleaned using a damp brush. Pre-wetting of the plaster is essential before tiling at least before 15 to 20 minutes the commencement of work. Under no circumstances SuperTile FTA should be applied on dry surface or over wet background. For tile on tile work the old surface should be cleaned thoroughly.

## **MIXING**

In a clean bucket using a mechanical mixer (recommended) mix 25 kg of SuperTile FTA with 7.0 to 7.5 Ltrs. Of clean potable water to achieve a uniform mix. If hand-mixed, please ensure the mix is homogeneous. Allow the mix to stand for 5 minutes, Mix again without any additional water.

## **APPLICATION**

Using a steel trowel apply the mortar on to background to a uniform thickness of 2 to 3 mm immediately groove over with serrated trowel Spread only 10 Sq .Ft. at a time. Fix the tile firmly on to the adhesive. Where alignment is required tiles can be tapped gently with the wooden mallet.

## **SPECIAL NOTE**

Pre-wetting of the tiles is essential. However manufacturers recommendations should be followed. Applying tile adhesive on the back of the tile is not required. Where essential it should be spread evenly to the entire back of the tile.

## **CONSUMPTION/COVERAGE**

0.75 kg per Sq.Ft. @ 3 mm thick using a serrated trowel.(provided upon request)

## **CURING**

It is recommended to keep the tiled area moist for a period of 2 days

**GROUTING**

It is recommended to grout after 48 hrs of tilling with SuperTile-TJF.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERTILE TJF

*Colored grout for ceramic tiles*

## DESCRIPTION

SUPERTILE TJF is two component system which when mixed gives colored creamy paste for clean grouting of ceramic tiles. It sets to a decorative water resistant finish..

## ADVANTAGES

- Water-resistant (suitable for swimming pools).
- Two-Pack system uniformly colored.
- Resistant to cracking in joints up to 3mm wide.
- Ideal for internal and exterior applications.

## PACKAGING

SUPERTILE TJF is available in 1 Kg and 20kg packs.

## COMPOSITION

SUPERTILE TJF is a blend of hydrophobic cement, fillers and organic additives.

## STANDARDS

Designed to meet requirements stated in BS5980 - Cementitious Adhesives and Grouts

## APPLICATION PROCEDURES

Allow at least 24 hours between fixing tiles and grouting. Mix grout powder with water to give a smooth, thick consistency. Leave to stand for 15 minutes before using. Apply to tile joints with a squeegee, brush or sponge. Remove surplus grout with a damp sponge. When grouting is completed, polish tiles with a dry cloth.

## COVERAGE

1 kg is sufficient for approximately 4 square meters using standard 150 x 150mm tiles.

## STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which may also be tainted with vapor until product is fully cured). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPLAST BM**

*Brick Block Mortar*

## **DESCRIPTION**

SuperPlast BM is premixed cement based mortar suitable for laying normal bricks and concrete blocks. The pre-bagged nature of this mortar allows it to be conveniently distributed to the various locations in the site, thus eliminating the cumbersome procedure of site batching. Also there will be no wastage at all as there will be only required number of bags will be opened and mixed at any given time.

## **COMPOSITION**

SuperPlast BM is a blend of high quality ordinary Portland cement and processed Brown Silica Sand incorporated in the mix are also chemicals to improve the workability, bonding and reduce shrinkage .

## **APPLICATION**

The mixed mortar should immediately used to lay the pre-wetted brick/block. The thickness of the joints is recommended upto 12 mm.

## **CONSUMPTION/COVERAGE**

1000 kg of SuperPlast BM when mixed with appropriate amount of water will yield approximately 530 to 550 Ltrs of fresh mortar.

## **CURING**

Normal curing with water is essential for 3 to 4 days depending on ambient conditions.

## **PACKING**

Available in 25 Kg packs.

## **STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERGROUT GPG-2

*General Purpose Non-Shrink Grout*

## DESCRIPTION

SuperGrout GPG-2 is a cement based dry premixed, general-purpose non-shrink, high strength free flowing grout.

## AREA OF APPLICATION

Ideally suited as a pouring material for foundation of machinery, based plates and also as an anchoring material for variety of fixtures.

## CHARACTERISTICS

Hardens hydraulically without shrinkage, extraordinary bonding properties, low permeability and high early and final strength. Expansion type gaseous expansion system.

## STRENGTH CHARACTERISTICS (N/mm<sup>2</sup>)

	FLOWABLE	POURABLE
No. of days	Addition of Water 18%	Addition of Water 16%
1	25	30
7	50	55
28	> 65	>75

## FLEXURAL STRENGTH (N/mm<sup>2</sup>)

	Addition of water 18%
1 day	3
7 days	8
28 day	10

## FRESH MORTAR DENSITY

Approximately 2.2 kg per lit.

## APPEARANCE

Granular gray powder.

## WORKABILITY

Approximate 40 minutes.

## FREE EXPANSION

1 to 4%

## BACKGROUND PREPARATION

All backgrounds must be thoroughly cleaned, devoid of grease, dust etc. which may affect the addition. Saturate the area with water at least 10 to 12 hrs prior to application of Grout. Prior to pouring of the grout drain the area so as there is no free water remaining on the surface. All the cavities and holes should be blown to remove any water.

## MIXING

Mix in clean container using a mechanical mixer mix thoroughly with 4.5 ltrs. Of water per 25 kg to achieve flow able and 4 liters. To achieve pourable consistency.

## PLACING

Place the material on to the background immediately upon mixing. Care should be taken



that there is no trapped air underneath. The grout can be applied to a thickness of 100 MM in a single layer. Thickness greater than 100 mm, addition of 50% by weight of coarse aggregate (medium size 10 MM) is recommended. The grouting shall be carried out in one continuous operation, hence sufficient quantity be available. Never add water to the set of stiff mix. This will definitely affect the properties.

#### **CURING**

Upon completion of grouting the area must be cured with clean water or by covering with wet Hessian cloth for a minimum of 3 days.

#### **SPECIAL NOTE**

Where ambient temperature exceeds 40 deg C it is recommended to use cool water having temperature around 20 deg C

#### **PACKING**

Available in 25 Kg packs.

#### **STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

#### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERGROUT IG**

*Injectable Grout*

## **DESCRIPTION**

SuperGrout IG is a cement-based grout for injection of cavities and cracks. Provides high strength and flow ability at low water cement ratio having non-shrinking properties with excellent adhesions.

## **AREA OF APPLICATION**

To fill voids, joints, cracks in concrete structures, bricks and masonry. Provides an effective water vapor barrier due to its excellent water proofing properties.

## **CHARACTERISTICS**

Pumpable, prevent carbonation, good flow ability, excellent compressive and flexural strength.

## **FRESH MORTAR DENSITY**

Approximately 1.75 kg per liter.

## **BACKGROUND PREPARATION**

All backgrounds must be thoroughly clean, devoid of grease, dust etc. which may affect the adhesion. Saturate the area with water at least 10 to 12 hrs of applications. Prior to pouring of the grout drain the area so that there is no free water remain on the surface. All the cavities and holes should be blown to remove any trapped water.

## **MIXING**

Mix in clean container using a mechanical mixer thoroughly with 42 to 50% of water by weight of powder.

## **WORKING TIME**

25 to 30 minutes depending on ambient conditions.

## **PLACING**

**PUMP** the material on the area required to be filled immediately upon mixing. Care should be taken that there is no trapped air underneath. The grout can be carried out in one continuous operations, hence sufficient quantity should be available. . Never add water to the set of stiff mix. This will definitely affect the properties.

## **CURING**

Upon completion of grouting the area must be cured with clean water or by covering with wet Hessian cloth for a minimum of 3 days.

## **SPECIAL NOTE**

Where ambient temperature exceeds 40 deg C it is recommended to use cool water having temperature around 20 deg C.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERGROUT PG

*Shrink Resistant Precision Grout*

## DESCRIPTION

SuperGrout PG is high quality cement based shrinkage compensated precision grout.

## AREA OF APPLICATION

General purpose grouting material where low permeability is required..

## CHARACTERISTICS

Excellent initial flow retention, hydrogen free gaseous expansion and is chloride free. Suitable for extreme climatical condition

## STRENGTH CHARACTERISTICS

	Compressible Strength (N/mm <sup>2</sup> ) @ 14% water. flowable consistency.
1 day	20
7 days	40
28 days	58

## FRESH MORTAR DENSITY

2.25 kg per lit.

## BACKGROUND PREPARATION

All backgrounds must be thoroughly cleaned, devoid of grease, dust etc. which may affect the adhesion. Saturate the area with water at least 10 to 12 hrs prior to applications. Prior to pouring of the grout drain the area so as that is no free water remaining on the surface. All the cavities and holes should be blown to remove any trapped water.

## MIXING

Mix in clean container using a mechanical mixer mix thoroughly with 3.5 liters. Of water per 25 kg to achieve flow able and 4 liters. To achieve pourable consistency.

## PLACING

Place the material on to the background immediately upon mixing. Care should be taken that there is no trapped air underneath. The grout can be applied to a thickness of 100 MM in a single layer. Thickness greater than 100 mm, addition of 50% by weight of course aggregate (medium size 10 mm)is recommended. The grouting shall be carried out in one continuous operation, hence sufficient quantity be available. Never add water to the set of stiff mix. This will definitely affect the properties.

## CURING

Upon completion of grouting the area must be cured with clean water or by covering with wet Hessian cloth for a minimum of 3 days.

## SPECIAL NOTE

Where ambient temperature exceeds 40 deg C it is recommended to use cool water having temperature around 20 deg C.

## PACKING

Available in 25 Kg packs.

## STORAGE

Can be stored under shaded dry condition for a period of 12 months.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERGROUT HSG

*Free Flow High Strength Grout*

## DESCRIPTION

SuperGrout HSG is a cement based dry premixed, non shrinking, very high strength grout.

## AREA OF APPLICATION

Recommended to use as a heavy duty grouting material beneath load bearing structures etc.

## CHARACTERISTICS

Hardens hydraulically without shrinkage, extraordinary bonding properties, low permeability and high early and final strength.

## STRENGTH CHARACTERISTICS (N/MM<sup>2</sup>)

	@ 14% water. flowable consistency. Compressible Strength (N/MM <sup>2</sup> )
1 day	35
7 days	75
28 days	> 90

## FRESH MORTAR DENSITY

Approximately 2.3 kg per lrt.

## FREE EXPANSION

1 to 4 %

## BACKGROUND PREPARATION

All backgrounds must be thoroughly cleaned, devoid of grease, dust etc. which may affect the

adhesion. Saturate the area with water at least 10 to 12 hrs prior to application of Grout. Prior to pouring of the grout drain the area so as there is no free water remaining on the surface. All the cavities and holes should be blown to remove any trapped water.

## MIXING

Mix in clean container using a mechanical mixer mix thoroughly with 4.5 ltrs. of water per 25 kg to achieve flow able and 4 liters. To achieve pourable consistency.

## PLACING

Place the material on to the background immediately upon mixing. Care should be taken that there is no trapped air underneath. The grout can be applied to a thickness of 100 MM in a single layer. Thickness greater than 100 mm, addition of 50% by weight of coarse aggregate (medium size 10 MM) is recommended. The grouting shall be carried out in one continuous operation, hence sufficient quantity be available. Never add water to the set of stiff mix. This will definitely affect the properties.

**CURING**

Upon completion of grouting the area must be cured with clean water or by covering with wet Hessian cloth for a minimum of 3 days.

**SPECIAL NOTE**

Where ambient temperature exceeds 40 deg C it is recommended to use cool water having temperature around 20 deg C

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERGROUT HTR

*Heat Resistant Non-Shrink Grout*

## DESCRIPTION

SuperGrout HTR is high quality cement based shrinkage compensated precision grout.

## AREA OF APPLICATION

General purpose grouting material where low permeability is required..

## CHARACTERISTICS

Excellent initial flow retention, hydrogen free gaseous expansion and is chloride free. Suitable for extreme climatical condition

## STRENGTH CHARACTERISTICS

	Compressible Strength (N/mm <sup>2</sup> ) @ 15% water. flowable consistency.
1 day	20
7 days	45
28 days	60

## FRESH MORTAR DENSITY

2.3 kg per lit.

## FLEXURAL SRENGTH

More than 8 N/mm<sup>2</sup>

## FREE EXPANSION

1-3%

## BACKGROUND PREPARATION

All backgrounds must be thoroughly cleaned, devoid of grease, dust etc. which may affect the

adhesion. Saturate the area with water at least 10 to 12 hrs prior to applications. Prior to pouring of the grout drain the area so as that is no free water remaining on the surface. All the cavities and holes should be blown to remove any trapped water.

## MIXING

Mix in clean container using a mechanical mixer mix thoroughly with 3.75 liters. Of water per 25 kg to achieve flowable consistency.

## PLACING

Place the material on to the background immediately upon mixing. Care should be taken that there is no trapped air underneath. The grout can be applied to a thickness of 100 MM in a single layer. Thickness greater than 100 mm, addition of 50% by weight of course aggregate (medium size 10 MM)is recommended. The grouting shall be carried out in one continuous operation, hence sufficient quantity be available. Never add water to the set of stiff mix. This will definitely affect the properties.

## CURING

Upon completion of grouting the area must be cured with clean water or by covering with wet Hessian cloth for a minimum of 3 days.

**SPECIAL NOTE**

Where ambient temperature exceeds 40 deg C it is recommended to use cool water having temperature around 20 deg C.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERDECO DC-2**

*Mineral Decorative Plaster*

## **DESCRIPTION**

SuperDeco DC-2 is a mineral based decorative coating/plaster suitable for both internal & external use. Easy to apply providing a long lasting breathable finish available in various colors. SuperDeco DC-2 is water resistant and does not load dust hydrostatically.

## **COMPOSITION**

SuperDeco DC-2 is manufactured using high quality white Portland cement mineral fillers; aggregates and silica combined with fade free pigments. All the raw materials complies with relevant international standards.

## **SUBSTRATE**

SuperDeco DC-2 is suitable for application on sand cement plaster/Render, Fair faced concrete, Gypsum board and cement board.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperDeco DC-2 that the background is clean of dust, loose particles and other contaminants, which may affect the addition. Water should be uniformly sprayed on the background, In case of plaster board, the surface must be cleaned using a damp brush at least 15 to 20 minutes before applying of SuperDeco DC-2, SuperDeco DC-2 should never be applied on dry surface or over wet background.

## **MIXING**

Mix SuperDeco DC-2 in a clean plastic bucket using portable water. Always mix minimum one

bag at a time. Approximate amount of water required for 50 kg mix will be 12 liters. It is recommended to use a mechanical mixer to obtain a uniform mix and also for the chemicals to mix well. Leave the mix for a few minutes before applications. No, additional water to be added at any time. It is very important to use the right amount of water with each mix otherwise variation in colour may occur.

## **APPLICATION**

SuperDeco DC-2 can easily be applied using a float on horizontal, Vertical and Circular motion. No roller should be used. Approximate thickness will be 2 to 2.5 mm. Care should be taken to avoid joints as this may affect the aesthetics.

## **CONSUMPTION / COVERAGE**

Approximately 0.30 to 0.32 Kg per Sq. Ft.

## **CURING**

The applied SuperDeco DC-2 should only be cured with a FOG spray to retain the moisture in the plaster for 2 days. Heavy curing is not advisable as running water on the surface may leave water marks and other stains.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERDECO DC-3**

*Mineral Decorative Plaster*

## **DESCRIPTION**

SuperDeco DC-3 is a mineral based decorative coating/plaster suitable for both internal & external use. Easy to apply providing a long lasting breathable finish available in various colors. SuperDeco DC-3 is water resistant and does not load dust hydrostatically.

## **COMPOSITION**

SuperDeco DC-3 is manufactured using high quality white Portland cement mineral fillers; aggregates and silica combined with fade free pigments. All the raw materials complies with relevant international standards.

## **SUBSTRATE**

SuperDeco DC-3 is suitable for application on sand cement plaster/Render, Fair faced concrete, Gypsum board and cement board.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperDeco DC-3 that the background is clean of dust, loose particles and other contaminants, which may affect the addition. Water should be uniformly sprayed on the background, In case of plaster board, the surface must be cleaned using a damp brush at least 15 to 20 minutes before applying of SuperDeco DC-3, SuperDeco DC-3 should never be applied on dry surface or over wet background.

## **MIXING**

Mix SuperDeco DC-3 in a clean plastic bucket using portable water. Always mix minimum one bag at a time. Approximate amount of water required for 50 kg mix will be 10.5 liters. It is recommended to use a mechanical mixer to obtain a uniform mix and also for the chemicals to mix well. Leave the mix for a few minutes before applications. No, additional water to be added at any time. It is very important to use the right amount of water with each mix otherwise variation in colour may occur.

## **APPLICATION**

SuperDeco DC-3 can easily be applied using a float on horizontal, Vertical and Circular motion. No roller should be used. Approximate thickness will be 1.5 to 2.0 mm. Care should be taken to avoid joints as this may affect the aesthetics.

## **CONSUMPTION / COVERAGE**

Approximately 0.25 to 0.27 Kg per Sq. Ft.

**CURING**

The applied SuperDeco DC-3 should only be cured with a FOG spray to retain the moisture in the plaster for 2 days. Heavy curing is not advisable as running water on the surface may leave water marks and other stains.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERDECO DC-5**

*Mineral Decorative Plaster*

## **DESCRIPTION**

SuperDeco DC-5 is a mineral based decorative coating/plaster suitable for both internal & external use. Easy to apply providing a long lasting breathable finish available in various colors. SuperDeco DC-5 is water resistant and does not load dust hydrostatically.

## **COMPOSITION**

SuperDeco DC-5 is manufactured using high quality white Portland cement mineral fillers; aggregates and silica combined with fade free pigments. All the raw materials complies with relevant international standards.

## **SUBSTRATE**

SuperDeco DC-5 is suitable for application on sand cement plaster/Render, Fair faced concrete, Gypsum board and cement board.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperDeco DC-5 that the background is clean of dust, loose particles and other contaminants, which may affect the addition. Water should be uniformly sprayed on the background, In case of plaster board, the surface must be cleaned using a damp brush at least 15 to 20 minutes before applying of SuperDeco DC-5, SuperDeco DC-5 should never be applied on dry surface or over wet background.

## **MIXING**

Mix SuperDeco DC-5 in a clean plastic bucket using portable water. Always mix minimum one bag at a time. Approximate amount of water required for 50 kg mix will be 8.5 liters. It is recommended to use a mechanical mixer to obtain a uniform mix and also for the chemicals to mix well. Leave the mix for a few minutes before applications. No, additional water to be added at any time. It is very important to use the right amount of water with each mix otherwise variation in colour may occur.

## **APPLICATION**

SuperDeco DC-5 can easily be applied using a float on horizontal, Vertical and Circular motion. No roller should be used. Approximate thickness will be 3.5 to 4.0 mm. Care should be taken to avoid joints as this may affect the aesthetics.

## **CONSUMPTION / COVERAGE**

Approximately 0.65 to 0.68 Kg per Sq. Ft.

**CURING**

The applied SuperDeco DC-5 should only be cured with a FOG spray to retain the moisture in the plaster for 2 days. Heavy curing is not advisable as running water on the surface may leave water marks and other stains.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERDECO DCR**

*Mineral Decorative Plaster*

## **DESCRIPTION**

SuperDeco DCR is a mineral based decorative coating/plaster suitable for both internal & external use. Easy to apply, providing a long lasting breathable finish available in various colors. SuperDeco DCR is water resistant and does not load dust hydrostatically.

## **COMPOSITION**

SuperDeco DCR is manufactured using high quality white Portland cement mineral aggregates and silica combined with fade free pigments. All the raw materials complies with relevant international standards.

## **SUBSTRATE**

SuperDeco DCR is suitable for application on sand cement plaster/Render, Fair faced concrete, blocks having smooth surface, Gypsum boards and cement board.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperDeco DCR that the background is clean of dust, loose particles and other contaminants, which may affect the addition. Water should be uniformly sprayed on the background. In case of plaster board, the surface must be cleaned using a damp brush at least 15 to 20 minutes before applying of SuperDeco DCR, SuperDeco DCR should never be applied on dry surface or over wet background.

## **MIXING**

Mix SuperDeco DCR in a clean plastic bucket using portable water. Always mix minimum one bag at a time. Approximate amount of water required for 50 kg mix will be 12 liters. It is recommended to use a mechanical mixer to obtain a uniform mix and also for the chemicals to mix well. Leave the mix for a few minutes before applications. No, additional water to be added at any time. It is very important to use the right amount of water with each mix otherwise variation in color may occur.

## **APPLICATION**

SuperDeco DCR can easily be applied using simple masons tools like wooden float or a paint roller to achieve different finish & texture. Approximate thickness will be 1 to 1.5 mm. Care should be taken to avoid joints as this may effect the aesthetics.

## **CONSUMPTION/COVERAGE**

Approximately 0.20 Kg per Sq. Ft.

## **CURING**

The applied SuperDeco DCR should only be cured with a FOG spray to retain the moisture in the plaster for 2 days. Heavy curing is not advisable as running water on the surface may leave water marks and other stains.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERDECO HP**

*Pigmented Render*

## **DESCRIPTION**

Mineral based pre-colored render suitable for both internal & external application. Applied in one coat to provide very durable fade free and maintenance free finish. Can also be made available in variety of attractive colors

## **COMPOSITION**

Manufactured using high quality white Portland cement, processed silica, fade free pigments and chemical improving agent. The formulation provides a tough, durable plaster with very good water resistant properties.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperDeco- HP that the background is clean of dust, loose particles and other contamination, which may affect the bonding.. Please ensure to clean the background with water at least 30 minutes before the application of SuperDeco- HP, please also ensure that no droplets of water is remaining on the surface. Concrete background needs hacking scabbing / sand blasting to provide sufficient mechanical key or Super Bond-PB (Plasterbond) is also recommended.

## **MIXING**

In a clean tray or a bucket mix thoroughly one 50 kg bag of SuperDeco HP with approximately 8 ltrs of clean potable water(depending upon ambient conditions.) To achieve a uniform and consistent mix it is advisable to use an electrical mixer for this purpose which will save time and also the additives will get blended uniformly. For large quantities a mixer such as concrete mixer can be used.

## **APPLICATION**

Apply the mixed plaster uniformly into the prepared background using a steel mason trowel (throwing the plaster into the wall is not recommended as there will be rebound of sand) The plaster can then be leveled and trowelled. To a desired finish using mason tools. Different finishes can be achieved using steel trowel, wooden float or a sponge.

## **CONSUMPTION/COVERAGE**

Applied at 15 mm, one bag of 50 kg will cover approximately 15 to 16 Sq.Ft.

## **CURING**

SuperDeco- HP is incorporated with high quality chemicals also to retain water. Hence heavy curing is not necessary. However please ensure that the plaster is kept moist for a period of 3 days. This is achieved by using fog spray 2 to 3 times a day

## **PACKING**

Available in 25 Kg packs.

## **STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERPLAST PMC-1

## PREMIXED CEMENT PLASTER

### DESCRIPTION

SuperPlast PMC-1 is a factory premixed cement based plaster designed for both internal & external application. SuperPlast PMC-1 can be directly applied in one coat to brick/block walls, concrete, calcium silicate blocks aerated autoclave block etc. SuperPlast PMC-1, can be applied to a minimum thickness of 8mm to maximum of 25 mm in single coat where thickness exceeds 25 mm additional coat can be applied leaving 24 hrs between the layers. The creamy consistency make it suitable for walls & ceilings.

### COMPLIANCE

SuperPlast PMC-1, is designed to comply with international standards such as ASTM C-387 and BS 4551 and 4049. IS: 9103:2000.

### Composition/Properties

Physical appearance	Grey to Greyish black powder
Primary Binder	Ordinary Portland Cement
Filler	Natural River Sand less than 1.5 mm
Polymeric Additives	For water resistance, improved bonding and better workability and open time
Bulk-Density	1800-1900 kg/m <sup>3</sup>
Compressive strength	More than 5 MPA in 28 days
Coverage	Approx. 4 sq.ft/kg/mm
Normal thickness	5 mm to 20 mm
Pot Life	Approx. 1 h
Water demand	8 – 8.5 L/bag of 50 kg

### BACKGROUND PREPARATION

It must be made sure before the application of SuperPlast PMC-1 that the background is clean of dust, loose particles and other contamination, which may affect the bonding, Please ensure to clean the background with water at least 30 minutes before the application of SuperPlast PMC-1

Please also ensure that no droplets of water is remaining on the surface. Concrete background needs hacking scabbing/sand blasting to provide sufficient mechanical key of Super Bond- PB (Plaster bond) is also recommended.

### MIXING

In a clean tray or a bucket mix thoroughly one 50 Kg bag of SuperPlast PMC-1 with approximate 8 to 8.5 Liters of clean potable water (depending upon ambient condition) to achieve a uniform consistent mix. It is advisable to use an electrical mixer for this purpose which will save time and also the additives will get blended uniformly, For large quantity a mixer such as concrete mixer can be used.

### APPLICATION

Apply the mixed plaster uniformly onto the prepared background using a steel mason trowel (throwing the plaster onto the wall is not recommended as there will be rebounded of sand). The plaster can then be leveled and trowelled to a desired finish using mason tools. Different finishes can be achieved using steel trowel, wooden float or a sponge.

**CONSUMPTION / COVERAGE**

At an average thickness of 8 to 10 mm one bag of 50 kg will cover an approximate 20 to 22 Sq, Ft.

**CURING**

SuperPlast PMC-1 is incorporated with high quality chemicals also to retain water. Hence heavy curing is not necessary. However please ensure that the plaster is kept moist for a period of 3 days, This is achieved by using a fog spray 2 to 3 times a day.

**PACKING**

SuperPlast PMC-1 is packed in 50kg, HDPE bag with liner.

**STORAGE/SHELF-LIFE**

Can be stored under shaded dry condition for a period of 6 months.

**QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERPLAST PMG

*Lime Gypsum Plaster*

## DESCRIPTION

SuperPlast PMG is a dry premixed Gypsum lime plaster suitable for internal application only. It is designed specially to suit extreme climatic conditions. It can be finished to achieve a very smooth surface, ready to receive paint, wall paper/decorative coatings etc. SuperPlast PMG can be applied to a minimum of 6mm and maximum of 30 mm in one single coat.

## BENEFITS

SuperPlast PMG is much lighter than cement plaster, thus providing ease of application. SuperPlast PMG has low thermal conductivity, hence provides certain insulation properties to the building. SuperPlast PMG inhibits fungus growth, highly suitable where hygiene is concerned, such as hospitals, hotels, restaurants etc. SuperPlast PMG is a fire retardant plaster because of the presence of crystalline water. SuperPlast PMG is free from shrinkage, hence no surface cracks/crazing.

## COMPOSITION

SuperPlast PMG is a blend of hemi-hydrated gypsum, hydrated lime, processed high quality silica sand and chemicals. The chemicals in SuperPlast PMG provide enhanced workability, bonding and ease of application.

## COMPLIANCE

### APPLICABLE DESIGN STANDARDS.

Mix proportion

BS 5492 and BS 1191 ASTM C 28 and C 35

Gypsum

BS 1191 – part- I Class A of Plaster of Paris.

Lime

Hydrated lime BS 890 ASTM C 207 type N.

## BACKGROUND PREPARATION

It must be made sure before the application of SuperPlast PMG that the background is clean of

dust, loose particles and other contamination, which may affect the bonding. Please ensure to clean the background with water at least 30 minutes before the application of SuperPlast PMG. Please also ensure that no droplets of water are remaining on the surface. Concrete background needs shacking, scabbling/sand blasting to provide sufficient mechanical key or SuperBond-PB (Plasterbond) is also recommended.

## MIXING

In a clean tray or a bucket, mix thoroughly one 40 kg bag of SuperPlast PMG with 13 to 13.5 liters of potable water (depending upon ambient conditions) to achieve a uniform consistent mix. It is advisable to use an electrical mixer for this purpose, which will save time and also the additives will get blended uniformly. For large quantities, a small mixer (such as a concrete mixer) can be used.

## APPLICATION

Apply the mixed plaster uniformly onto the prepared background using a steel mason trowel. Plaster should then be leveled to plumb. At this stage, the surface must be left open to allow the plaster to set uniformly. The set plaster is then (not dry) worked on the surface with a wet sponge in circular motion to bring out the cream. This cream should then be steel trowelled immediately, thus closing the surface uniformly to achieve a very smooth finish. Trowel, wooden float or a sponge.

**CONSUMPTION / COVERAGE**

Approximately 32 to 34 per Sq.Ft. per 40 kg bag at 8 mm thickness.

**CURING**

SuperPlast PMG should not be cured with either with water or any other form.

**Packing**

Available in 25 Kg packs.

**Storage**

Can be stored under shaded dry condition for a period of 6 months.

**Quality statement**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPLAST PMG +**

*Lime Free Gypsum Plaster*

## **DESCRIPTION**

SuperPlast PMG + is a dry premixed Gypsum plaster suitable for internal application only. It is designed specially to suit extreme climatical conditions. It can be finished to achieve a very smooth surface. Ready to receive paint wallpaper/decorative coatings etc. PMG plus can be applied to a minimum of 3 mm and maximum of 30 mm in one single coat.

## **BENEFITS**

SuperPlast PMG + is much lighter than cement plaster thus providing ease of application. PMG (plus) has low thermal conductivity hence provides a certain insulation properties to the wall. SuperPlast PMG + inhibits fungus growth, highly suitable where hygiene is concerned such as Hospital, Hotes, Restaurants etc. SuperPlast PMG + is a fire retardant plaster because of the presence of crystalline water. SuperPlast PMG + is free from shrinkage hence no surface cracks/crazing.

## **COMPOSITION**

SuperPlast PMG + is a blend of hemi hydrated gypsum and chemicals. The chemicals in SuperPlast PMG + provides enhanced workability, bonding and ease of application.

## **BACKGROUND PREPARATION**

It must be sure before the application of SuperPlast PMG + that the background is clean of dust, loose particles and other contamination, which may effect the bonding, Please ensure to clean the background with water at least 30 minutes before the application of SuperPlast PMG +. Please also ensure that no droplet of water is remaining on the surface. Concrete background need hacking scabbing/sand blasting to provide sufficient mechanical key or SuperBond PB is also recommended.

## **MIXING**

In a clean tray or a bucket mix through one 40 kg of SuperPlast PMG + with 13.5 ltrs, of potable water (depending upon ambient condition). To achieve a uniform consistent mix. It is advisable to use an electrical mixer for this purpose which will save time and also the additives will get blended uniformly.

## **APPLICATION**

Apply the mixed plaster uniformly onto the prepared background using a steel mason trowel. Plaster should then be leveled to plumb. At this stage surface must be left open to allow the plaster to set uniformly. Trowel immediately thus closing the surface uniformly to achieve a very smooth finish.

## **CONSUMPTION / COVERAGE**

Approximately 32 to 34 per Sq.Ft. per 40 kg bag at 8 mm thickness.

## **CURING**

SuperPlast PMG + should not be cured with either with water or any other form.

## **PACKING**

Available in 25 Kg packs.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPLAST PGS**

*Gypsum skim Coat*

## **DESCRIPTION**

SuperPlast PGS is a dry premixed single coat Gypsum lime plaster suitable for application as a skim coat on cement plaster, concrete and also Gypsum board and plain cement sheet. Outstanding smooth finish can be achieved.

## **COMPOSITION**

SuperPlast PGS is a blend of hemi-hydrated gypsum, hydrate lime and chemical additives. The chemicals in SuperPlast PGS provide enhanced workability and ease of application.

## **BACKGROUND PREPARATION**

It must be made sure before the application of SuperPlast PGS that the background is clean of dust, loose particles and other contamination, which may affect the bonding. Please ensure to clean the background with water at least 30 minutes before the application of SuperPlast PGS. Please also ensure that no droplets of water are remaining on the surface. Unlike other plasters where heavy hacking is required on concrete, it is sufficient to provide minimum hacking for SuperPlast PGS. Plaster board should be cleaned with a dry cloth and then with a wet brush (over wetting should not be done).

## **MIXING**

In a clean tray or a bucket mix thoroughly one 30 kg bag of SuperPlast PGS with 15 to 15.5 liters of clean potable water (depending upon ambient condition) to achieve a uniform and consistent mix. It is advisable to use an electrical mixer for this purpose which will save time and also for the additives to get blended uniformly, For large quantity a small mixer (such as a concrete mixer) can be used..

## **APPLICATION**

Apply the mixed plaster uniformly onto the prepared background using a steel mason trowel. Plaster should then be leveled to plumb. At this stage surface must be left open to allow the plaster to set uniformly. The set plaster is then (not dry) worked on the surface with a wet sponge in circular motion to bring out the cream. This cream should then be steel trowelled immediately thus closing the surface uniformly to achieve a very smooth finish.

## **CONSUMPTION/COVERAGE**

One bag of 30 kg will Approximately 75 Sq .Ft. at 4mm.

## **CURING**

SuperPlast PGS should not be cured with either with water or any other form.

## **PACKING**

Available in 30 Kg Pack.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPUTTY SGF**

*Premixed Grey Cement Based Surface Smoothing Putty*

## **DESCRIPTION**

SuperPutty SGF is premixed surface smoothing putty for the final coat application, specially formulated for plasters and renders on walls & ceilings. The extremely creamy mix enable to fill pores, blowholes, and hairline cracks on the surface prior to the applications of paints and other decorative coatings. Recommended thickness 1 to 3mm. thick. SuperPutty

## **COMPOSITION**

SuperPutty SGF comprises of Grey cement. Mineral fillers and chemical additives, providing a very smooth creamy mix, ease of application and spreadability.

## **BACKGROUND PREPARATION**

It must be applied wet on wet condition directly on cement plaster.

## **MIXING**

In a clean bucket mix thoroughly one bag of 40 kg with approximately 14 to 15 lit of portable water depending upon the required consistency. A mechanical blender is recommended.

## **APPLICATION**

SuperPutty SGF is to be applied onto the background using a metal scrapper or a mason's Trowel. Please ensure that all the blemishes on the background are uniformly filled in level to get a smooth surface. Mix should be applied within 45 minutes to 1 hour. done only after

## **CURING**

In order to get better results, minor curing is required by using a fog spray 2 to 3 times for 3 days.

## **CONSUMPTION/COVERAGE**

At an average thickness on 1 to 2mm. One bag of 40 kg. of SuperPutty SGF will cover approximately 280 to 320 Sq.Ft.

## **PACKING**

Available in 40 Kg Powder.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPUTTY SGR**

*Premixed Premium Grey Cement Based  
Surface Smoothing Putty*

## **DESCRIPTION**

SuperPutty SGR is premixed surface smoothing putty for the final coat application, specially formulated for plasters and renders on walls & ceilings. The extremely creamy mix enable to fill pores, blowholes, and hairline cracks on the surface prior to the applications of paints and other decorative coatings. Recommended thickness 1 to 3mm. thick.  
SuperPutty

## **COMPOSITION**

SuperPutty SGR comprises of Grey cement. Mineral fillers and chemical additives, providing a very smooth creamy mix, ease of application and spreadability.

## **BACKGROUND PREPARATION**

It must be applied wet on wet condition directly on cement plaster.

## **MIXING**

In a clean bucket mix thoroughly one bag of 40 kg with approximately 14 to 15 lit of portable water depending upon the required consistency. A mechanical blender is recommended.

## **APPLICATION**

SuperPutty SGR is to be applied onto the background using a metal scrapper or a mason's Trowel. Please ensure that all the blemishes on the background are uniformly filled in level to get a smooth surface. Mix should be applied within 45 minutes to 1 hour. done only after

## **CURING**

In order to get better results, minor curing is required by using a fog spray 2 to 3 times for 3 days.

## **CONSUMPTION/COVERAGE**

At an average thickness on 1 to 2mm. One bag of 40 kg. of SuperPutty SGR will cover approximately 200 to 225 Sq.Ft.

## **PACKING**

Available in 40 Kg Powder.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERPUTTY SW**

*Premixed Acrylic White Cement Based  
Surface Smoothing Putty*

## **DESCRIPTION**

SuperPutty SW is premixed surface smoothing putty for the final coat application, specially formulated for plasters and renders on walls & ceilings. The extremely creamy mix enables to fill pores, blowholes, and hairline cracks on the surface prior to the applications of paints and other decorative coatings. Recommended thickness from 1 to 3mm thick. SuperPutty White is also water-resistant.

## **COMPOSITION**

SuperPutty SW comprises of White Cement, Mineral fillers Acrylic Powder and chemical additives, providing a very smooth creamy mix, ease of application and spreadability.

## **BACKGROUND PREPARATION**

Before application of the SuperPutty SW ensure that the back ground is clean of dust, loose particles and other contamination which may effect the bounding. Please ensure to clean the background with water at least 30 minutes before the applications. Please also ensure that no droplets of water are remaining on the surface.

## **MIXING**

In a clean bucket mix thoroughly one bag of 40 kg with approximately 14 to 15 lit of potable water depending upon the required consistency. A mechanical blender is recommended.

## **APPLICATION**

SuperPutty White is to be applied onto the background using a metal scrapper or a mason's trowel. Please ensure that all the blemishes on the background are uniformly filled in level, leaving a smooth surface. Mix should be applied within 45 minutes to 1 hour.

## **CURING**

Minor curing is required by using a fog spray 2 to 3 days.

## **CONSUMPTION/COVERAGE**

At an average thickness on 1 to 2mm. One bag of 40 kg. of SuperPutty SW will cover approximately 180 to 200 Sq.Ft.

## **PACKING**

Available in 40 Kg Powder.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERFLOOR ST

*Carborandum Based Hardtop*

## DESCRIPTION

SuperFloor HT is a non metallic formulated floor hardener ready to use Very high abrasion resistance, dry shake hardener.

## COMPOSITION

A blend of high quality Portland cement, specially selected natural hard, well graded and high quality aggregates and chemical additives.

## PROPERTIES/USAGE

- Highly wear and abrasion resistant
- Non-slip
- Resistant to oil, greases etc.
- Easy to clean and free from maintenance
- Cost effective, compared to various types surface coatings,
- High monolithic bond with base concrete.
- Increased serviceable life hence becomes economical
- Non-combustible.
- Stain free
- Increase the abrasion resistant of concrete Chloride free.
- Water proof & Non slippery.
- Increase the abrasion resistance of concrete by 200%

## APPLICATION AREAS

- For industrial flooring such as light, medium and heavy duty
- Godowns / storage areas/ service stations

- Production shops and service passages
- Loading and unloading areas
- Large court yards
- Sports stadium/platforms/public stairs etc
- Shopping centers, schools, hotels etc.
- All areas which has heavy wear and tear.
- Railways yards/ exhibition halls/ hangers

## APPLICATION TECHNIQUE

Please ensure the freshly laid concrete has the initial set. Undulation should not be more than 2 to 3 MM. There should not be any free water on the surface. Application of SuperFloor HT to be carried out into two stage operations.

### STAGE – 1

50% of the total quantity required for the area should be evenly sprinkle on the Surface. After few minutes when the surface become uniform in colour by absorption of surface water, it can be wooden floated or steel troweled. Please ensure that there should not be no over work on the surface otherwise the sprinkled powder will get buried.

### STAGE – 2

Immediately after the troweling is completed the balance 50% of SuperFloor- St should be evenly sprinkled in the similar fashion but at a right angle to the initial application and should be



finished equally with steel trowel. Immediately after the process, final finishing can be carried out as per the requirement of users. By adopting conventional method or by power floating

### COLOUR

Natural dark grey. Can be provided in many other colours.

### CAUTIONS

- Timing for trowel application should be closely monitored. It has to be on the exact time and should not be delayed to start the work. Always keep a watch on the initial set.
- Generally, shuttering sides of the concrete surface dries faster than other areas; therefore these edges are to be finished, without any delay
- No powder should be sprinkled when the surface water appears. Allow it to evaporate.
- Constant supervision must be done in order to achieve the desired results.
- Curing is absolutely essential either with water or with other means.
- Perpendicular direction while sprinkling of SuperFloor HT has to be followed strictly
- Walking can be allowed after 24 hours and usage of floor can be allowed only after 10 days

### PROPERTIES

Form	Powder
Hardness on MHO'S	9
Strength of 10	
Normal aggregate size	2 mm
Shelf life	12 months
Colour	Natural dark grey

### GENERAL GUIDES

It is advisable to keep the size of concrete Panels 3 M X 3 M for 100 mm thick concrete floors and Panels size can be increased proportionately when the thickness of concrete increases.

A crack inducer joint should be provided at every 12m length. Width will be 10 mm and depth 40 mm.

Full depth expansion joints should be provided at every 30 to 36 meters.

All crack inducer joints shall be cut before 72 hours while expansion joints are to be given while concreting.

### PACKING

Available in 25 Kg packs.

### STORAGE

Can be stored under shaded dry condition for a period of 12 months.

### QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERFLOOR HT

*Quartz Based Hardtop*

## Description

SuperFloor HT is a formulated floor hardener ready to use floor and surface hardening agent based on very hard natural quartz aggregates generally used for heavy duty floors where high wear impact and wear resistance is desired.

## Composition

A blend of high quality Portland cement, specially selected natural hard, well graded and high quality aggregates and chemical additives.

## Benefits & Advantages

Highly wear and abrasion resistant

- Durability and increased hardness to the surface.
- More safe and anti-static.
- Resistant to oil, greases etc.
- Easy to clean and free from maintenance
- Cost effective, compared to various types surface coatings,
- High monolithic bond with base concrete.
- Increased serviceable life hence becomes economical
- Non-combustible.
- Stain free
- Increase the abrasion resistant of concrete Chloride free.
- Water proof & Non slippery.

## Application Areas

- For industrial flooring such as light, medium and heavy duty
- Godowns / storage areas/ service stations
- Production shops and service passages
- Loading and unloading areas
- Large court yards

- Sports stadium/platforms/public stairs etc
- Shopping centers, schools, hotels etc.
- All areas which has heavy wear and tear.
- Railways yards/ exhibition halls/ hangers

## Application Technique

Please ensure the freshly laid concrete has the initial set. Undulation should not be more than 2 to 3 MM. There should not be any free water on the surface. Application of SuperFloor HT to be carried out into two stage operations.

### Stage – 1

50% of the total quantity required for the area should be evenly sprinkle on the Surface. After few minutes when the surface become uniform in colour by absorption of surface water, it can be wooden floated or steel troweled. Please ensure that there should not be no over work on the surface otherwise the sprinkled powder will get buried.

### Stage – 2

Immediately after the troweling is completed the balance 50% of SuperFloor- St should be evenly sprinkled in the similar fashion but at a right angle to the initial application and should be finished equally with steel trowel. Immediately after the process, final finishing can be carried out as per the requirement of users. By adopting conventional method or by power floating

## Colour

Natural dark grey. Can be provided in many other colours.

## Cautions

- Timing for trowel application should be closely monitored. It has to be on the exact



time and should not be delayed to start the work. Always keep a watch on the initial set.

- Generally, shuttering sides of the concrete surface dries faster than other areas; therefore these edges are to be finished, without any delay.
- No powder should be sprinkled when the surface water appears. Allow it to evaporate.
- Constant supervision must be done in order to achieve the desired results.
- Curing is absolutely essential either with water or with other means.
- Perpendicular direction while sprinkling of SuperFloor ST has to be followed strictly
- Walking can be allowed after 24 hours and usage of floor can be allowed only after 10 days

**PROPERTIES**

Form	Powder
Hardness on MHO'S	7
Strength of 10	
Normal aggregate size	2 mm
Shelf life	12 months
Colour	Natural dark grey

**CONSUMPTION / COVERAGE**

Consumption depends on the intended traffic. Please use the following guide.

<b>Dry Shake Method</b>	
Light duty	2.5 to 3 Kg per m <sup>2</sup>
Medium	5 to 6 Kg per m <sup>2</sup>
Heavy	7 to 8 Kg per m <sup>2</sup>

**GENERAL GUIDES**

It is advisable to keep the size of concrete Panels 3 M X 3 M for 100 mm thick concrete floors and Panels size can be increased proportionately when the thickness of concrete increases.

A crack inducer joint should be provided at every 12m length. Width will be 10 mm and depth 40 mm.

Full depth expansion joints should be provided at every 30 to 36 meters.

All crack inducer joints shall be cut before 72 hours while expansion joints are to be given while concreting.

**PACKING**

Available in 25 Kg packs.

**STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

**QUALITY STATEMENT**

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# **SUPERFLOOR S4**

*Floor Screed*

## **DESCRIPTION**

SuperFloor S4 is a specially formulated polymer and modified sand and cement mix to be used as floor screed where high quality and water resistant properties are required. A singly layer can be laid to a thickness of upto 40mm. Ideally suitable for large establishment, factories, Hospitals, Warehouse, Supermarkets, Airports etc. Also a suitable background required floor hardener such as a SuperFloor – HT .

## **COMPOSITION**

SuperFloor S4 is a blend of high quality Portland cement and graded Brown Silica Sand combined with chemical additives. SuperFloor S4 provides durable hardworking, trouble free flooring, Can be finish fairly smooth.

## **MIXING**

SuperFloor S4 can be mixed in a concrete mix in addition of water approximately 8 to 8.5 Ltrs. For 50 kg.

## **APPLICATION**

Superscreed- 4 should laid to required thickness not exceeding 40 mm per layer. Minimum 24 hrs. Should lapse between layers where more thickness is required. SuperFloor S4 can be finished to a smooth surface using conventional mason tools. Or can be powder floated.

## **CONSUMPTION/COVERAGE**

3.43 kg per Sq.Ft. for 20 mm thick. .

## **CURING**

Normal curing with water is essential by flooding the screed and keep submerged for minimum 7 days.

## **PACKING**

Available in 25 Kg packs.

## **STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERBOND AR

*Acrylic Bonding agent.*

## DESCRIPTION

SuperBond AR is a single component white emulsion of milky appearance, based upon modified acrylic resins.

SuperBond AR may be used in external or internal applications, it is not recommended for permanently wet or submerged service conditions.

## ADVANTAGES

- Excellent adhesion to a wide range of cementitious substrates
- Improves toughness and flexibility, reduces chance of cracking in mortars & screeds
- Improves mortar tensile strength & impact resistance
- Increases wear resistance and frost resistance
- Suitable for interior and exterior applications

## PACKAGING

SuperBond AR is supplied in 5 and 20 litre containers.

## TECHNICAL INFORMATION

Composition :	Acrylic latex
Appearance :	Milky white liquid
Specific gravity :	1.03 ± 0.02
Application temp:	Above 5° to 45° C
Service temp :	20° C to + 60° C

## DIRECTIONS FOR USE

As a primer mix one part of SuperBond PB within three parts of water apply to clean prepared background using a brush to cover the entire area. After approximately 6 to 8 hrs. mix one part of SuperBond AR with one part of water and

apply as bonding coat on the primed surface. Apply mortar or concrete on to bonding coat wet on wet.

## EQUIPMENT CARE

Brushes and other equipment may be washed immediately after use with water

## STORAGE

Shelf life is one year at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## COVERAGE

As a bonding agent	5-8 m <sup>2</sup> /litre dependent on substrate
As a curing aid	4-5 m <sup>2</sup> /litre

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERBOND PB

*Acrylic Bonding agent and curing aid*

## DESCRIPTION

SuperBond PB is a single component white emulsion of milky appearance, based upon modified acrylic resins. It is formulated for use as a bonding agent for old and new concrete. It is also versatile useful to modify cementitious mixes cementitious mortars. The product is ready to use, has exceptional grab characteristics and develops a tenacious bond of the new mortar to the host concrete.

SuperBond PB may be used in external or internal applications, it is not recommended for permanently wet or submerged service conditions.

## TYPICAL APPLICATIONS

- Bonding aid for new and old concrete/mortar
- Repair and patching of concrete areas
- Water resistant renders and abrasion resistant toppings
- Bonding brick slips, tiles, stones, wall cappings, re-pointing brick work and protection of concrete from dampness
- Architectural panels, bridge decks & highway repairs

## ADVANTAGES

Excellent adhesion to a wide range of cementitious substrates

- Improves toughness and flexibility, reduces chance of cracking in mortars & screeds
- Improves mortar tensile strength & impact resistance
- Increases wear resistance and frost resistance
- Suitable for interior and exterior applications

## PACKAGING

SuperBond PB is supplied in 5 and 20 litre containers.

## TECHNICAL INFORMATION

Composition	:	Acrylic latex
Appearance	:	Milky white liquid
Specific gravity	:	1.03 ± 0.02
Application temp	:	Above 5° to 45° C
Service temp	:	20° C to + 60° C

## DIRECTIONS FOR USE

SuperBond PB is supplied ready for use and under no circumstances should it be diluted with water or solvents. As with all bonding mediums, the quality of surface preparation has a direct influence on the effectiveness and durability of the repair. Saw cut the perimeter of areas to be treated to a minimum depth of 15mm to avoid feather edging of the repair mortar. Loose, contaminated, or damaged concrete should be removed and the full circumference of any corroded reinforcing steel exposed to reveal a gap of 20mm behind steel. Prior to application of the SuperBond PB, the substrate should be soaked with copious amounts of clean water for a minimum period of 1 hour. Remove standing surface water from flatwork.

SuperBond PB is applied by brush using a "stippling" action rather than a "painting" action and ensuring the surface is completely covered.



The repair mortar should be applied whilst the primer is still wet or tacky, reapplying as necessary to achieve this. Care should be taken not to over apply as excessive primer may cause high build applications to slip.

SuperBond PB may be spray applied as a curing aid to cementitious repairs.

When hot drying winds prevail additional precautions such as wet polythene or ponding should be employed and the area sheltered.

#### **EQUIPMENT CARE**

Brushes and other equipment may be washed immediately after use with water

#### **STORAGE**

Shelf life is one year at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

#### **COVERAGE**

As a bonding agent	5-8 m <sup>2</sup> /litre dependent on substrate
As a curing aid	4-5 m <sup>2</sup> /litre

#### **NOTE**

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by accepted test methods.

#### **QUALITY STATEMENT**

All products manufactured in MPPL, SA facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERBOND SBR

*Acrylic Bonding agent.*

## DESCRIPTION

SuperBond SBR is a single component white emulsion of milky appearance, based upon modified Styrene butadiene latex to modify all kind of all kind of cement based materials such as floor screed, mortar..etc

## ADVANTAGES

- Excellent adhesion to a wide range of cementitious substrates
- Improves toughness and flexibility, reduces chance of cracking in mortars & screeds
- Improves mortar tensile strength & impact resistance
- Increases wear resistance and frost resistance
- Suitable for interior and exterior applications

## PACKAGING

SuperBond SBR is supplied in 5 and 20 litre containers.

## TECHNICAL INFORMATION

Composition	:	SBR latex
Appearance	:	Milky white liquid
Specific gravity	:	1.01 ± 0.02
Application temp	:	Above 5° to 45° C
Service temp	:	20° C to + 60° C

## DIRECTIONS FOR USE

The background should be thoroughly cleaned before the application of bonding slurry. Mix one part of cement with one part of SuperBond SBR to prepare the bonding slurry. Prepare the repair mortar with 50 kg of cement 130 kg of clean dry sand with 5 kg of SuperBond SBR and sufficient amount of water to achieve a workable consistency. Apply the slurry on to the prepared

background followed by the repair mortar as the slurry sets rapidly. Please ensure good compaction of the mortar

## EQUIPMENT CARE

Brushes and other equipment may be washed immediately after use with water

## STORAGE

Shelf life is one year at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## COVERAGE

3 m<sup>2</sup>/litre dependent on substrate Modified moi sq.ft @ 10 mm thick (This is only a guide and act be as per Site conditions)

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERFIX AF**

*TWO COMPONENT REPAIR MORTAR*

## **DESCRIPTION**

Premixed Polymer mortar for repair and rehabilitation of concrete. Easy to use, resistant to carbonation, has low permeability. Highly recommended in coastal areas, bridges, dams etc. SuperFix AF exhibits very good stability under load.

## **COMPOSITION**

SuperFix AF is a polymer modified cement based material having hydraulic binders, Processed Silica sand, Should be used in Conjunction with SuperBond SBR.

## **AREA OF APPUCATION**

Load bearing structures, restricted location as it can be poured or pumped where low permeability is required to minimize carbonation.

## **STRENGTH CHARACTERISTICS (N/mm<sup>2</sup>)**

1 days	> 10
7 days	> 35
28 days	>45

## **BACKGROUND PREPARATION**

Damaged concrete should be thoroughly chipped to expose the corroded reinforcement. Clean and apply suitable protective coating where to the reinforcement. Soak the area with clean water at least 3 hrs. prior to the application of SuperFix AF.

## **MIXING**

Mix approximately 2 Hrs . water 1.5 ltrs of SuperBond SBR to 25 kg of SuperFix AF in a mechanical mixer to achieve a homogeneous and workable mix.

## **APPLICATION**

Apply SuperFix AF onto the prepared backgrounds to ensure good compaction. Areas where high vibration expected it is recommended to use SuperBond SBR to use as a bonding coast. SuperFix AF can be applied to a maximum 40 mm thick in one single layer. Additional coats can be applied leaving 24 hrs between layers.

## **CURING**

Care should be exercised to retain the moister for proper hydration. Hence curing with water periodically for three days is essential

## **PACKING**

25 Kg in HDPE bag with liner + 1.5 ltr. SuperBond SBR.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERFIX CF / CFE**

*CRACK FILLER*

## **DESCRIPTION**

A shrinkage Compensated self-expanding filler for cavities and cracks on walls and ceilings. Suitable only for internal static cracks & cavities.

## **COMPOSITION**

SuperFix CF is a blend of high quality mineral binders, fillers and chemical additives.

## **PROPERTIES**

SuperFix - CF has high bond and flexural strength, self expanding during the initial set, free of chlorides and provide very smooth finish.

## **BACKGROUND PREPARATION**

All background should be cleaned devoid of loose particles. For large cavities it is recommended to cut a V groove through to the background.

## **MIXING**

In a clean bucket mix thoroughly one bag of 25 kg with approximately 14 to 15 ltrs of water depending upon the required consistency. A mechanical mixer is recommended.

## **APPLICATION**

Using a steel scrapper or a mason trowel apply SuperFix CF on to the effected area, onto the background. It can be finished flush with the surface. Should be allowed to dry as quickly as possible to receive further coating such as paint etc.

## **CONSUMPTION/COVERAGE**

Depending upon the width & depth of the cavity and cracks.

## **CURING**

No curing required at all.

## **PACKING**

1 kg and 25 kg in HDPE bags with liner.

## **SPECIAL NOTE**

For external application, please use SuperFix CFE.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## **SUPERFIX P/L**

*Two Component Corrosion Inhibitor*

### **DESCRIPTION**

SuperFix - P & L is a mineral based active corrosion inhibitor available in two components

SuperFix – P is a dry mix mortar and SuperFix – L, a pure acrylic agent. Fully compatible with SuperFix-FPMC and SuperFix – AF.

### **PROPERTIES**

Solvent free with brush able consistency can be easily applied. Provides excellent addition for further repair mortars.

### **BACKGROUND PREPARATION**

Please ensure all damaged concrete is removed until the reinforcement is fully exposed. Reinforcement bars should be thoroughly cleaned either with a wire brush or by sandblasting.

### **MIXING & APPLICATION**

In a clean container mix 25 kg of SuperFix – P with 3.75 ltrs. SuperFix – L and mix thoroughly. While mixing add clean portable water approximately 3 to 3.5 liters. Water to achieve a brush able consistency. Using a clean brush apply on the reinforcement and affected area thoroughly. Please ensure the entire affected area is evenly coated including all the joints etc. Additional coats can be applied after 2 and 24 Hrs.

### **CONSUMPTION/COVERAGE**

Approximately 1.15 TO 1.25 kg per M<sup>2</sup> per coat.

### **PACKING**

SuperFix – P is available in 25 kg packs.

SuperFix – L is in 30 Ltrs. & 5 Ltrs jars.

### **PACKING**

Available in 25 Kg packs.

### **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERFIX PH**

*REPAIR MORTAR FOR CONCRETE FLOORS*

## **DESCRIPTION**

Cement based non-shrink high strength repair material for concrete floor either in domestic or industrial environment SuperFix PH allows early access and it is extremely durable. It is fast setting and its early high strength provide quick and early access to the repaired areas. It is iron and chloride free, non-shrink and extremely durable.

## **COMPOSITION**

SuperFix- PH is a blend of high quality Portland cement with chemical improving agent.

## **AREA OF APPLICATION**

Repair of all kinds of concrete floors such as commercial & industrial buildings, restaurants, airports, cinema houses, side walks, etc. and repair of concrete pre-cast structure.

## **STRENGTH CHARACTERISTICS (N/mm<sup>2</sup>)**

24hrs	> 25
7 days	> 45
28 days	> 60

## **BACKGROUND PREPARATION**

The area to be repaired should be thoroughly cleaned including of all loose concrete and wash with water 30 minutes before applying SuperFix PH mortar. Please ensure that there is no free water remaining otherwise this will affect the SuperFix PH bonding with the background.

## **MIXING**

Mix approximately 3.5 ltrs of water for 25 kg with a mechanical mixer to achieve a

homogeneous and workable mix. Less water will affect the workability and higher water will reduce the strength.

## **APPLICATION**

Apply SuperFix PH onto the repair area using a steel trowel or a scrapper. Please ensure a good compaction without any air pockets. SuperFix PH can be applied in one coat at 40 mm. If the thickness is more than 40 mm suitable good quality coarse aggregates should be added and mixed well with SuperFix PH.

## **CURING**

SuperFix PH being a cement-based material requires moisture to be retained during the initial hydration of cement. It is essential to cure SuperFix PH with water depending upon the ambient conditions.

## **PACKING**

Available in 25 Kg packs.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERFIX SFMC**

*MICRO CONCRETE REPAIR MORTAR*

## **DESCRIPTION**

SuperFix SFMC is a premixed single component polymer modified repair material. Can be used for both overhead and vertical situation.

## **COMPLIANCE**

ASTM C— 190, BS-4550, 4551 and 6319, IS: 9103:2000.

## **COMPOSITION**

SuperFix SFMC is a blend of high quality hydraulic binders/fillers and processed Brown Silica Sand. Chemical additives are added to compensate for shrinkage, high early and final strength and is chloride \_\_\_\_\_ free.

## **AREA OF APPLKATION**

For the rehabilitation of spalled and deteriorated concrete, to reinforce structural strength such as encasement etc.

## **STRENGTH CHARACTERISTICS (N/mm<sup>2</sup>) :**

**W.P Ratio 0.16**

1 day >10

7 day >40

28 day >55

## **BACKGROUND PREPARATION**

Damaged concrete should be thoroughly chipped to expose the corroded reinforcement. Clean and apply suitable protective coating where required to the reinforcement. Soak the area with dean water at least 3 Hrs prior to the application of SuperFix SFMC.

## **MIXING**

Mix approximately 3.5 Liters of water for 25 kg and Mix with a mechanical mixer to achieve a homogeneous and workable mix. Water can be increased up to 4 Liter. Where required depending upon the site condition.

## **APPLICATION**

Apply the SuperFix SFMC on to the prepared background to ensure compaction. SuperFix SFMC can be applied to maximum of 30 mm in one single coat. Additional layers can be applied leaving 24 Hrs. between coats.

## **CURING**

Care should be exercised to retain the moisture for proper hydration. Hence curing with water periodically for three days is essential.

## **PACKING**

25 Kg. in HDPE bag with liner.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERFIX SP**

*PLUGGING MATERIAL*

## **DESCRIPTION**

Quick setting cement based plugging material for water leakage chloride free, one component and has emergency water stopping characteristics.

## **COMPOSITION**

A blend of high quality cement with special fillers and chemicals.

## **AREA OF APPLICATION**

To stop rapidly and to patch and plug temporarily from water leakage of concrete sections , tunnel wall lining. pipes, basements, foundations, access chambers etc.

## **ADVANTAGES**

Single component, chloride free, emergency water stopper. Excellent bonding properties which minimizes thermal cracking.

## **MIXING & APPLICATION**

Mix one part of water with three parts of SuperFix SP powder and work on the affected areas, because of it rapid setting nature the mixture should be used immediately.

## **PACKING**

25 Kgs in HDPE bags with liner.

## **STORAGE**

Can be stored under shaded dry condition for a period of 6 months.

## **QUALITY STATEMENT**

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# SUPERSEAL AWP

*Clear, flexible, waterproof protective coating for concrete*

## DESCRIPTION

SuperSeal AWP is a single component flexible, elastomeric clear coating based on acrylic copolymers. It can be applied both on wood and concrete. Applied as a liquid it cures to form a durable, protective, waterproof membrane. It is a single component emulsion containing inert pigments and has a brushable consistency.

## TYPICAL APPLICATIONS

- External walls
- Roofs
- Chajjas
- Parapet walls
- Concrete repairs.
- Commercial buildings.
- Industrial buildings.
- Waterproofing a variety of substrates.

## ADVANTAGES

- Continuous-film repellent
- String film - Comparable to Moisture Cured Urethane
- Brushable, therefore easy to apply
- Washable - easy to maintain
- Can be overcoated with acrylic based coatings
- Easily applied by roller, brush or airless spray.
- Flexible - capable of bridging cracks.
- Protective - barrier against salts and atmospheric gases.
- High-build - masking imperfections in substrates.
- U.V. stable - maintains its appearance. No yellowing or chalking

## PACKAGING

SuperSeal AWP is supplied in 1, 5 and 20 litre containers.

## TECHNICAL INFORMATION

Appearance	:	Colourless
Specific gravity	:	1.03 ± 0.03
Viscosity	:	250 ± 50 centipoise

**Directions for use** Apply to a clean, dry surface. Temperature should be above 5°C. At temperatures less than 15° precipitation or freezing conditions should not be expected for at least 48 hours. At temperatures above 15 C° precipitation should not be expected for at least 2 to 3 hours. Surfaces with mold or algae growth should first be pressure washed with an oxygen bleach solution, rinsed and dried. can be applied by spray, roller or brush. Coverage for SuperSeal AWP Saturating Primer should be at a maximum rate of 1 liter per 100 square feet per coat.

## PRECAUTIONS & LIMITATIONS

Material should be applied in the shade or the cooler part of the day. Avoid direct sun. If the first coat is drying in less than ten minutes add refresher.

Avoid dry lapping. Apply after the primer coat has completely dried. If you want an extra-heavy coating don't dilute.



#### **EQUIPMENT CARE**

Brushes and other equipment may be washed immediately after use with xylene or thinner.

#### **STORAGE**

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

#### **COVERAGE**

100 - 120 sq.ft/liter/per coat

#### **NOTE**

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by accepted test methods.

#### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



## SUPERSEAL CC

Concrete Curing Compound (clear and white)

### DESCRIPTION

SuperSeal WR is a solvent free, membrane forming wax emulsion, based curing compound, ideally suited for large area of concrete or any surface, where surface is exposed to sunlight or high winds.

### ADVANTAGES

- Eliminates the need for water curing.
- Single application.
- Cured film is transparent and water resistant
- High curing efficiency.
- Water based.

### PACKAGING

SuperSeal WR is available in 5, 30, 210 litre drums.

### TYPICAL PROPERTIES

Appearance:	White liquid
Specific gravity:	1.00

### STANDARDS

Designed as per ASTM C309 Type 1 Class A

### STORAGE

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

### COVERAGE

50 - 60 sq.ft/liter/per coat

### DIRECTIONS FOR USE

The compound should be spray applied as evenly as possible on to the freshly placed concrete. For horizontal surfaces SuperSeal WR should be applied as soon as the initial surface sheen has disappeared from the concrete surface. In the case of formed concrete, the SuperSeal WR should be applied immediately on removal of the formwork.

### NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty determined by All products manufactured in MPPL, SA facility or imported from accepted test methods.

### QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERSEAL CWP**

*Surface applied capillary waterproofing system for concrete and mortar*

## **DESCRIPTION & COMPOSITION**

SuperMix-CWP is a formulated dry premixed cementitious crystalline powder. It has multiplicative crystalline growth response, resulting from a reaction between water and dry shake chemicals and all the major chemical by-products of the cement hydration processes.

## **PROPERTIES & USAGE**

The formation & development of insoluble crystals into water bearing capillaries and interstices effectively blocks the further passage of water and ensures permanent water tightness for the life of the structure.

## **AREA OF APPLICATION**

Water retaining structures such as water tanks, swimming pools, reservoirs water treatment tanks, concrete pipes etc and basements, tunnels, inspection pits, foundations lifts shafts, bridge decks & retaining walls.

## **METHODS OF APPLICATION**

Area of surface must be cleaned and free from all dusts and other particles, mix one part of powder with potable water and make it pourable consistency or brushable consistency and apply to the surface in required quantity. The crystal formation will penetrate into the gaps and blocks all interstices and capillaries from the passage of water. However, water- proofing properties to the surface can be achieved after 5 to 7 days.

## **OTHER ADVANTAGES**

SuperMix- CWP is very effective against both negative and positive water or osmotic pressure and can be applied to the internal or external surface.

## **CONSUMPTION / COVERAGE**

Approximately 1kg per M<sup>2</sup> per brush coat application one coat application shall be done in 2 coats, If pouring is required in cavities & cracks, consumption can be measured only after completion of the job.

## **PACKING**

Available in 1kg, 5 Kg & 50 Kg packs, packed conveniently.

## **STORAGE**

Can be stored under shaded dry condition for a period of 12 months.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# SUPERSEAL NC

*Sealing Compound to Stop Dampness/Leakages*

## DESCRIPTION:

Two components Acrylic polymer modified cement based coating to provide waterproof and dampproof properties.

## ADVANTAGES

- Excellent adhesion. Bonds to porous and non-porous surfaces.
- Suitable for both concrete and masonry to arrest leakage's provides a breathable and aesthetic surface Excellent adhesion to the background
- Minimizes crack formation
- Suitable for both vertical & horizontal surface
- Seamless finish
- Suitable to plaster or screed over

## AREA OF APPLICATION :

SuperSeal NC can be used as a waterproofing coating in basement walls, ceiling, floors, underground shafts, fountains, retaining walls and other areas where such application is required. Magnumbond - NC can also be used directly over the external wall plastering after filling of cracks if any, but before any decorative coats. this will arrest the penetration of water through plastering, thus the entire surface will become waterproof.

## MIXING/ APPLICATION :

Background where SuperSeal NC to be applied should be thoroughly cleaned with water of wirebrush. Mix using a mechanical mixer 1X 23 kg of SuperSeal NC powder with 4 Ltrs. Liquid provided along & clean potable water to achieve a brushable slurry. Using a clean brush apply evenly onto the background in a single coat. additional coats can be applied after 8 to 10 hrs. depending upon the conditions. The mix already

prepared should be used with 30 minutes. Do not apply on overwet surfaces. Before applying any decorative coatings SuperSeal NC should be allowed to dry between 5 to 7 days. protect from direct sunlight for 72 hrs.

## DENSITY :

1.85 kg per Ltr.

## COMPOSITION/COVERAGE

1.2 to 1.65 kg/m<sup>2</sup> depending on the requirement and background condition.

## PACKING

23 kg dry powder in HDPE bag with liner and 4 liter liquid in cans.

## STORAGE

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## QUALITY STATEMENT

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.

## SPECIAL NOTE

Also available in white colour known as SuperSeal CW



# **SUPERSEAL PWP**

*Powder Water Proofing*

## **DESCRIPTION**

SuperSeal PWP is a integral waterproofing to be used as a additive for concrete and mortar. Reduces permeability on concrete, sand and cement mortar.

## **COMPOSITION**

Mineral fillers and chemical additives blended to provide increased water tightness.

## **USAGE/PROPERTIES**

Ideal waterproofer for water retaining structures, basements, toilets, bathrooms..etc., Suitable for all types of cement, does not affect the properties of concrete, plaster and mortars. Chloride content : negligible

## **PACKAGING**

SuperSeal PWP is supplied in 1 kg pouch and 25 HDPE bags.

## **DOSAGE**

Recommended dosage is 1 kg for every 50 kg of cement to be mixed in dry form before addition of water

## **STORAGE**

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERSEAL WCM**

*Liquid Integral Water Proofing*

## **DESCRIPTION**

SuperSeal WCM is a liquid integral waterproofing to be used as a additive for concrete and mortar. Reduces permeability on concrete, sand and cement mortar.

## **COMPOSITION**

Specially formulated polymers to provide high water resistance.

## **USAGE/PROPERTIES**

Ideal waterproofer for plasters, water retaining structures, basements, toilets, bathrooms..etc., Suitable for all types of cement, does not affect the properties of concrete, plaster and mortars. Chloride content : negligible

## **PACKAGING**

SuperSeal WCM is supplied in 150 ml (Standard 1 dose for 50 kg cement) 5 and 30 litre packs.

## **DOSAGE**

Recommended dosage is 0.250 to 0.450 kg for every 100 kg of cement.

## **STORAGE**

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## **QUALITY STATEMENT**

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## **SUPERSEAL WR**

*Surface Water Repellent*

### **DESCRIPTION**

SuperSeal WR is a Hydrophobic silicone based water repellent.

### **PROPERTIES**

Its deep penetrating effect protects the surface from moisture and water penetration. The breathing activity in the building is not affected. Does not affect the colour of coating or paints. Hydrostatic loading of dust on the surface is greatly reduced.

### **PACKAGING**

SuperSeal WR is available in 5, 30, 210 litre drums.

### **AREA OF APPLICATION**

Bricks, concrete blocks, fair faced and exposed aggregate concrete, aerated concrete and calcium silicate blocks, cladding stones, all kind of plasters, gypsum boards..etc

### **CONSUMPTION COVERAGE**

200 to 400 g per m<sup>2</sup>

### **STORAGE**

Shelf life is six month at 20°C if stored under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

### **COVERAGE**

50 - 60 sq.ft/liter/per coat

### **APPLICATION**

Background should be thoroughly cleaned, any cracks or damages should be repaired with suitable materials. Mask all the areas where the coating is not required. Apply SuperSeal WR in one coat to the background using a brush or suitable spray equipment.

### **NOTE**

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local SBT representative. SBT reserves the right to have the true cause of any difficulty experienced during usage.

### **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERRELEASE EM**

*Emulsifiable Form Release Agent*

## **DESCRIPTION**

Chemically formulated concentrate emulsion grade mould release agent for easy stripping of form work and moulds.

## **ADVANTAGES**

The high concentration of this release agent allows clean and efficient release from form work without leaving stains. The product can be diluted 8 times with potable water depending on the porosity of FormWork.

## **PROPERTIES**

The thin film of the release agent prevents the cement slurry to stick to the form work, leaving the Concrete surface also without the coating of the release agent.

## **APPLICATION**

Please ensure the surface of the form work is clean using or a spray equipment apply evenly the material. A very thin coating is sufficient; Please ensure that the coated surface is protected from dust and direct sunlight. It is advisable to use the coated surface as soon as possible. However the properties are not affected even if the surface dries out.

## **CONSUMPTIONS/COVERAGE**

75 to 150 m<sup>2</sup> per lit. depending on the background quality.

## **PACKING**

5,30 and 200 litre.

## **STORAGE**

Can be stored upto 12 months in original container under dry & shaded condition..

## **QUALITY STATEMENT**

All products manufactured in MPPL, India facility or imported from MPPL affiliate companies and are manufactured to procedures certified to conform to good quality management systems.



# **SUPERRELEASE NR**

*Form Release Agent*

## **DESCRIPTION**

Chemically formulated mould release agent for easy stripping of form work and moulds.

## **ADVANTAGES**

The high concentration of this release agent allows clean and efficient release from form work without leaving stains.

## **PROPERTIES**

The thin film of the release agent prevents the cement slurry to stick to the form work, leaving the Concrete surface also without the coating of the release agent.

## **APPLICATION**

Please ensure the surface of the form work is clean using or a spray equipment apply evenly the material. A very thin coating is sufficient; Please ensure that the coated surface is protected from dust and direct sunlight. It is advisable to use the coated surface as soon as possible. However the properties are not affected even if the surface dries out.

## **CONSUMPTIONS/COVERAGE**

25 to 65 m<sup>2</sup> per lit. depending on the background quality.

## **PACKING**

5,30 and 200 litre.