GODRY MAXCOAT 1X

SBR Based Bonding and Waterproofing Agent



INDICUS GODRY MAXCOAT 1X

MAXCOAT 1X is a modified styrene butadiene rubber (SBR) emulsion specially designed to form a bonding slurry when mixed with cement. It can be used to waterproof small areas and to repair mortars and concrete in building rehabilitation works.

Areas of Application

INDICUS GODRY MAXCOAT 1X can be used:

- As waterproof coating for small areas
- As bonding aid between old and new concrete
- As bonding agent for floor toppings, mortars, construction joints, etc.
- For wear resistant floor screeds with less dusting and improved resistance to cracking

Features

- Multipurpose: Can be uses as a bonding agent, modifier for cement-sand & concrete mixes in building repairs.
- Provides excellent bonding: Delivers strong bonding to concrete, masonry work, plasters, and most of cement repair works.
- Improves water resistance: Repels water and prevents leakages and dampness.
- Increases tensile and flexural strength: Enhances
 the strength of repair mortar, provides durability,
 and allows thin applications in demanding
 application areas.
- Improves abrasion resistance: Reduces erosion of top layer & prevents dust generation in screeds.

Technical Information

Property	Result		
Nature	One pack, white, free flowing liquid		
pH Value	9-9.5		
Specific Gravity	1.02 ± .01		
Solid Content	43 ± 1		
Shelf Life	12 Months		



Application Procedure

Surface Preparation

- 1. Clean the surface and reinforcement bars thoroughly and ensure it is free from dust, dirt, grease, loose particles and any contamination.
- 2. Smooth surfaces must be mechanically roughened to provide adequate key.

For Waterproof Coating

- 1. Mix 1 part of MAXCOAT 1X with 1.5 part of cement by weight.
- 2. Mix for 2-3 minutes using a trowel if the quantity is less, or with a spiral paddle stirrer.
- 3. Brush apply 2 coats of the mix with 4-6 hrs gap between the coats.
- 4. Overlay the 2nd coat with screed/plaster for protection and finish.

For Bonding Coat

- 1. Mix 1 part of MAXCOAT 1X with 1 part of cement to a creamy consistency.
- 2. Apply the bonding coat with a stiff brush to the prewetted and prepared substrate.
- 3. Subsequent mortar must then be applied while the bonding coat is still in tacky condition.

For other applications, please refer Typical Mix Design given in the next page.

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MAXCOAT 1X Typical Mix Design

Usage As	Mix Design Ratio (in KG)	Application	Coverage (per KG)	Recommended Thickness
Waterproof coating	Cement: 1.5 Maxcoat 1X: 1	By brush, in two coats	20 sq.ft. in two coats	1 mm
Bonding coat	Cement: 1	By brush	24 sq.ft.	1 mm
	Maxcoat 1X:1	by brush		
Passivator coat	Cement: 1	By brush	2 - 3 m for 25 mm rebar	1 mm
	Maxcoat 1X:1	by braon		
Plaster for masonry	Cement: 1		5 sq.ft. at 8 mm thickness	8 to 30 mm
	Sand: 3	By trowel		
	Maxcoat 1X:1			
Floor repair mortar for high traffic areas	Cement: 1		3 sq.ft. at 5 mm thickness	4 to 6 mm
	Sand : 1.6	By trowel		
	Maxcoat 1X: 0.6			

Note: Coverage will vary depending on the condition of the substrate and method of application.

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

