

# MAXCOAT 1X<sup>®</sup>

SBR Based Bonding and Waterproofing Agent



## GODRY MAXCOAT 1X

GODRY 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

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

- Provides excellent bonding
- Improves water resistance
- Increases tensile and flexural strength
- Improves abrasion resistance
- Non-toxic and easy to use

### 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. Slowly add MAXCOAT 1X to cement in the ratio of 1:1.5 (MAXCOAT 1X:Cement) by volume.
2. Mix for 2 to 3 minutes by hand, if the quantity is less, or with a spiral paddle stirrer.
3. Apply the first coat by brush and allow it to dry for 4 to 6 hours.
4. Once the first coat is dry, apply the second coat and overlay the coating with a protective screed.

#### 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 pre-wetted 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.

## MAXCOAT 1X Typical Mix Design

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

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

For more information, please visit  
[www.godry.co.in](http://www.godry.co.in)



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.

