

# ARMOR DECO-100

## HIGH PERFORMANCE DECORATIVE AND WATER-REPELLENT WALL SCREED

### PRODUCT DESCRIPTION

**ARMORDECO-100** is a high performing, specially formulated pre-bagged plaster mortar. It can be used on inner and outer walls. It is easy to use, strong and binds better to its substrate. It provides an even surface on which tiling can be done faster and efficiently.

### FEATURES AND BENEFITS

- ARMORDECO-100 produces aesthetically nice finish with good decorative properties, other benefits are:
- High Strength
- Crack free wall
- Faster application
- Excellent coverage
- Decorative and water repellent
- Protects against wind rain.

### APPLICATION AREAS

**ARMORDECO-100** can be used for the plastering of the following areas:

- Brick
- Stone Wall
- AAC Block / Concrete Block
- Concrete surface

### SURFACE PREPARATION

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, and clean, with substrate compressive strength at a minimum 25MPa and cohesive strength a minimum 1.5MPa.

Surface should also be free of coatings, oil, dirt etc. The surface to receive **ARMOR DECO-100** must be dampened with water before application.

### MIXING AND APPLICATION

**ARMORDECO-100** is packed in a 20kg bag and should be mixed as illustrated below:

- Pour 3.1 to 3.5 Liters of clean water into container, slowly add ARMOR DECO and continue mixing.
- Mix thoroughly for a period of 3 minutes with a slow mechanical mixer to a slurry consistency without any powder or lumps.
- Before the application of ARMORDEC-100, the surface must be made damp (SSD) with water to allow proper adhesion.

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### TECHNICAL DATA

Appearance: Grey or White Powder, When mixed: Grey Viscous Slurry When Dry: Grey Film		
Test	Results	Methods
Compressive strength	22.7Mpa at 28 days	ASTM C-109
Flexural Strength	2.3mpa at 28 days	ASTM-348 modified
Bond/Adhesion	> 1.5mpa	ASTM-C321
Crack Bridging at high temperature	>0.75mm	
Permeability	1.5 Bar positive and Negative water head	DIN 1048
Bond strength at immersion in Water	>0.5	
Reaction to fire	Class E	
Bond strength after application of heat source	1.5	EN 14891-A

\*All data is based on laboratory conditions. In practice, climatic variations such as humidity and temperature may affect these values.

### CONSUMPTIONS

Under ideal condition and at a thickness of 10mm-12mm one bag will cover 1.5- 2 square metres.

### PACKAGING

20kg

### STORAGE

**ARMORDECO-100** can be stored in a cool dry place for a period of 12 months.

### CLEANING

When still in fresh state ARMORDECO-100 can be cleaned with copious amount of water. However, after hardening it can only be cleaned from equipment and tools through mechanical means.

### PACKAGING AND SHELF LIFE

ARMORDECO contains cement that when in contact with bodily fluid may cause irritation and other allergic reaction to those predisposed. Safety gloves and goggles should be worn when mixing or applying ARMORDECO. If ARMOR DECO comes in contact with bodily fluid or eyes rinse immediately with copious

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