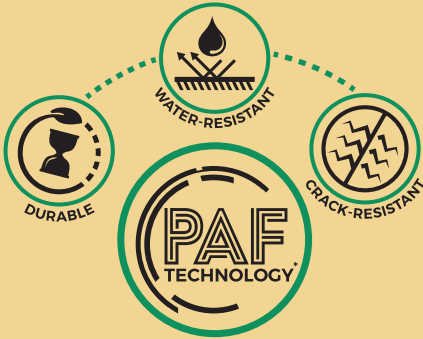


# THE MASTER PLASTER

High-performance dry plaster  
with PAF technology



**InstaMix**<sup>®</sup>  
**PLAST=✓SMART**  
READY-MIX DRY CEMENT PLASTER



Instamix Plastosmart is a high-performance ready-mix cement plaster for exterior, interior and ceiling application. It is produced in a controlled environment using well-graded natural/m-sand, cement, fibers, integral waterproofing compound & other specialised polymers which provide a smooth, crack-and-water-resistant surface for a durable structure.

## Technical Data

|                                     | Product Specification                                                                                                                                                                                                                     | Reference standard |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Appearance and Colour               | Free Flowing Granular Grey Powder                                                                                                                                                                                                         | -----              |
| Sand                                | Well-graded sand with partial size < 2.36 mm                                                                                                                                                                                              | IS 2116            |
| Additives<br>(Fibres & IWC)         | Performance enhancing additives to :<br>Minimise rebound wastage<br>Increase strength & durability<br>Increase water resistance<br>Increase early spreadability & workability<br>Minimise shrinkage cracks<br>Enhance micro-crack control | -----              |
| Coverage*                           | 0.150 - 0.250 kg/ sq ft/mm                                                                                                                                                                                                                |                    |
| Maximum Thickness<br>in Single Coat | Up to 30 mm                                                                                                                                                                                                                               |                    |
| Pot Life                            | 60 min to 120 min                                                                                                                                                                                                                         | BS EN 1015         |
| Dry Density                         | 1600 kg/m <sup>3</sup>                                                                                                                                                                                                                    | LAB Test           |
| Wet Density                         | 1900 kg/m <sup>3</sup>                                                                                                                                                                                                                    | LAB Test           |
| Bond Strength                       | > 0.45 MPa                                                                                                                                                                                                                                | ASTM D7234         |
| Water Demand                        | 6.0 litres to 6.5 litres per bag of 40 kg                                                                                                                                                                                                 | IS 4031 (P6)       |
| Compressive Strength**              | 10 - 15 MPa @ 28 Days                                                                                                                                                                                                                     | IS 4031 (P6)       |
| Water Absorption                    | 1.25 ml @ 60 min                                                                                                                                                                                                                          | Rilem 12.8         |
| RCPT**                              | <10000 Coloumbs                                                                                                                                                                                                                           | ASTM C 1202a       |
| Setting Time**                      | Initial - 155 min                                                                                                                                                                                                                         | IS 4031 (P5)       |
|                                     | Final - 210 min                                                                                                                                                                                                                           |                    |
| Packaging                           | 40 kg bag                                                                                                                                                                                                                                 | -----              |

### Note

\* Coverage : Depends on the surface, it may change as per site conditions.

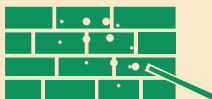
\*\* Values tested at NABL accredited LAB.

# Application Usage

Instamix Plastosmart should be applied in the following way:



Surface must be free from oil and loose dirt particles



Wall must be in SSD (Saturated Surface Dry) condition



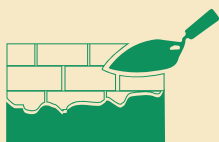
Fix wire mesh on RCC and masonry joints



Properly hack the RCC surface and apply cement slurry as per site requirement



Open the bag and add potable water @ 6 to 6.5 litres /40 kg bag



Apply plaster on the wall



Level plaster using a level tube



Cure plaster 3 times a day for 7 days

## Features & Benefits

### High Strength



1:3.5 rich mix proportion providing high strength

### High Performance



Well graded sand, with specialised fiber & waterproofing compound provides a high performance plaster

### Crack Resistant



Plaster is fibre reinforced and manufactured in a controlled condition, reducing chances of cracks

### Economical



Provides smooth and sound finish, thus saving on post finishes (skim coat and painting)

#### Minimum Wastage



Pre-mixed and shows low rebound while applying

#### Reduces Labour Requirement



No need for sand sieving at site

#### Hassle Free



No need to deal with multiple vendors for sand, cement, etc.

#### High Durability



IWC makes the plaster water-resistant and increases its durability

#### Placing

To be stored in a dry & covered area

#### Curing

Curing to be as per IS 1661 1972

#### Packing

40 kg PP bags

#### Shelf Life

6 months from batching, provided it is stored in a dry place in the unopened original packing

**Disclaimer:-** The use of this product is beyond the manufacturer's control. The manufacturer is not responsible for any loss or damage arising from incorrect usage.

The information contained herein is to the best of our knowledge true and accurate. No warranty is applied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application.



ASSURED  
QUALITY



RIGHT  
ON TIME



ALWAYS  
INNOVATIVE

