

PLASTER



PRODUCT DESCRIPTION:

"Instaplast" is a strong, durable, pre-mixed powder suitable for plastering over all types of old or new conventional clay bricks, fly ash bricks / blocks and Autoclaved Aerated Concrete blocks(AAC). It is normally applied on masonry interiors and exteriors to achieve a smooth surface.

ADVANTAGES:

- Preparation is simple, just add water
- Lighter than traditional cement- sand site mix mortar
- Minimizes cracking and shrinkage
- Prevents seepage of water
- Fungus resistant
- Durable & easy to apply
- Saves both manpower and time
- Being ready to use, it covers more work per day

AREAS OF APPLICATION:

- Under coating and plastering over existing concrete and brick/block walls
- Use as a levelling plaster for correction of surface undulation in bare concrete block and other cementitious substrates
- Basic levelling of concrete, light weight blocks and bricks
- Filling holes and irregularities, levelling walls and ceilings
- Create a leveled surface from uneven masonry or concrete wall

DIRECTIONS FOR USE:

Surface Preparation :

- Dirt, soil, and roof runoff stains from the surface should be removed
- Use a garden hose to loosen the dirt. Start at the top and wash the dirt down the wall
- Proper hacking is to be done prior to application in concrete surface
- Pre-wet the surface before application

Mixing :

Preparation of "Instaplast" :

- Take a small amount of water in a bucket and gradually add "Instaplast" in it. Mix the product with approximately 20% of water

- Mixing can be done manually or by using slow speed electric mixer
- Mixing to be done till homogenous lump free mix is obtained
- Protect the paste from heat and use within 30 minutes of preparation

Application :

- Apply the mix to the surface using a steel trowel in a smooth even motion working from the base of the surface upwards to reduce wastage
- Apply the mix with a trowel, followed by a second levelling if required
- Once the surface is uniform, level with a wooden / fiber / steel / plastic float to produce a smooth even surface

DO'S ABOUT "POLYGLAZE PLASTER":

- Water curing for 5 - 6 days should be carried out prior to any subsequent application depending on the moisture level of the surface.

DONT'S ABOUT "POLYGLAZE PLASTER":

- Do not apply straight on to gypsum panels
- Do not use in damp areas
- Do not add water to make it workable, prepare a fresh mixture
- Avoid very high speed mixing when electric mixing equipments are used

PRECAUTIONS:

Although "Instaplast" is non hazardous, following precautions should be adhered :

- It should be stored in dry place
- Avoid inhalation of dust
- Keep out of reach of the children
- In case of contact with eyes, rinse eyes with plenty of water and consult a doctor immediately

CLEANING:

Tools should be thoroughly cleaned in water to remove excess materials immediately after use

TECHNICAL DATA SHEET OF PLASTER

PRODUCT PROPERTIES

Brand Name	Instaplast
Physical Appearance	Dry Powder
Colour	Grey
Bulk Density	1.59 g/cc
Pack Size	40 Kg PP Bags
Shelf Life	12 Months in unopened manufacturer's packaging
Storage	Store in dry place away from moisture



APPLICATION PROPERTIES

Water Mixing Ratio	20% by weight
Applicable Temperature Range	5°C to 42°C
Pot Life	Approx. 60 - 90 minutes
Curing	5 - 6 days curing required
Coverage	0.16 - 0.23 Kg / sqft. / mm or 17 - 25 sft. at 10mm thickness per 40 Kg bag



NOTE: Coverage depends on the weather conditions, smoothness of the surface and application method.

TECHNICAL PROPERTIES

Product Conforms : ASTM C 109, EN 1348 & IS 4031

TEST NAME	STANDARD	RESULTS
Compressive Strength	—	≥ 4 N/mm ²
Drying Shrinkage	ASTM C 596.01	0.0053



Our Products

Insta Bond
Insta Plast
Insta Adhesive
Insta Grout
Insta Earthing Powder

Covering Blocks
AAC Blocks
CLC Blocks
Flyash Blocks
Concrete Cement Blocks

DISCLAIMER:

The information given in this data sheet is for general guidance only. Specific instructions for various site conditions can be provided on demand.