



Description

Iolite Plast-ready mix plaster is a high quality pre-mixed plastering material designed for use in construction and renovation projects. It is specifically formulated to provide superior workability, adhesion and durability, making it ideal for interior and exterior applications.

Advantages

- High bond strength
- Extended application time
- Easy to use
- Economical
- Faster application
- Pre-mixed
- Superior finish

Suitable for

- AAC blocks
- Red mud bricks
- Cellular concrete blocks
- Fly ash bricks
- Stone walls



Packaging

- 40 kg Bag

Coverage

Coverage is based on smoothness and evenness of substrate and thickness of plaster. Approx coverage of 40kg bag is as under:

10-12 mm plaster on AAC block is 17-18 sq. ft.

18 mm plaster on AAC block is 11 sq. ft.

10-12 mm plaster on Clay brick is 14-15 sq. ft.

25 mm plaster on brick wall is 6-7 sq. ft.

10 mm plaster on RCC is 20-22 sq. ft.

Plaster more than 12 mm shall be rendered in more than one coat.

Shelf Life

Factory sealed bags of Iolite plast has a shelf life of 06 months if stored off the ground in dry conditions. The shelf life varies as per the site & storage conditions and ambient weather.

Limitations & Caution

- During cold weather, protect finished work from use until fully cured.
- May irritate eyes and skin. So, rinse thoroughly with water in case of prolonged contact.
- Do not take internally. Silica sand can cause detrimental effects on lungs. Wear respirators dusty areas.
- Keep out of the reach of children.

Technical and product information

Packaging	40 Kg
Water-powder ratio	0.15-0.25
Pot life	30 minutes
Compressive strength	6-8 Mpa in 28 days
Flexural strength	>3 Mpa
Bulk Density	1.61 g/cc
Fresh Density	1.85 g/cc



Installation

Surface preparation

The substrate should be cleaned and made free from dirt, grease, oil and other contaminants. Pre wet or dampen the surface if necessary but SSD condition should be ensured.

Mixing

Mix 6-8 litres of water with the 40 kg pack of Iolite Plast- ready mix plaster. Mix water with dry powder by mechanical stirrer for 4-5 minutes to avoid formation of lumps and ensuring uniform consistency. Allow the mixture to stand for 2-3 minutes to allow the additives to disperse evenly. Re-mix for about 2 minutes again before use

Application

Apply the plaster with the help of steel trowel and a wooden float with each coat of thickness of not more than 12 mm.

Curing

The freshly applied surface do not need curing for first 24 hours. After the plaster is dries, curing shall be done 2-3 times a day for 2-3 days. In abnormal weather conditions, curing shall be done for 5-7 days.

