

PlastiSeal[®] P

Single Component Cementitious Crack Filler



STP Limited

Description

PlastiSeal[®] P is cementitious polymer modified powder for filling cracks in plastered surface. **PlastiSeal[®] P** is a ready mix powder of cementitious ingredients, selective aggregates, polymer & additives, which merely requires addition of water before application. **PlastiSeal[®] P** is ideal to fill 3 to 5 mm wider static cracks, for levelling up walls before tiling and for skimming expanded polystyrene and asbestos. **PlastiSeal[®] P** has strong adhesion and is non-shrink in nature, good water resistance properties and weathering durability. Crack filled by **PlastiSeal[®] P** offers a paintable surface.

Characteristics

Appearance	Powder	Adhesion	Excellent
Bulk density, gm / cm ³	1.2 ± 0.10	Application life @ 25 °C, Minutes	> 20
Setting @ 25 °C, hr	3	Theoretical Coverage, m ² / kg*	37.5
Paintability	Paintable	Mixing ratio (Powder : Water)	2.5 : 1
Fresh wet density, g/cc	Grey – 1.85 White – 1.92	Compressive strength, N/mm ²	14 in 7 days 16 in 28 days

*considering a depth and width of 5 mm

Application

- Crack Filling
- Level undulation on un-plastered or plastered ceilings and wall prior to painting.
- Provide smooth finish to brick, stone and wood works.
- Excellent sculpting material.

Advantages

- Strong adhesion to cement mortar substrate.
- Easy to use.
- Can be used for horizontal, vertical and overhead applications.
- Surface leveler before painting it reduces paint consumption and increases the life of paint.

Application Methodology

- Ensure that the surface is free from dust, vegetation, debris, oil residue, and is sound and fully cured.
- Prime surface with acrylic or SBR based primer in case of critical areas.
- Mix **PlastiSeal[®] P** with water in the ratio 2 : 1 by volume and stir with a mechanical / electrical stirrer having speed of 250-300 rpm. Mixing time should not be more than 5 minutes.

➤ For Crack Filling

- Fill mixed paste into crack by spatula or putty knife blade. Fill excess material and tool it by putty knife blade pressing against crack so that air voids get filled. By wet finger tool the surface of material to a smooth finish.

➤ For Surface Levelling

- Apply mixed smooth paste by painter blade on the dampened wall or ceiling. Apply material at the desired thickness in bottom-to-up fashion to avoid blade marks. For subsequent coat, previous coat should be allowed to cure at least 6 hours. Subsequent coat should be at the right angle to the previous coat.

➤ **For Wood Grain and Pipe Lagging**

- Apply buttery consistency mixed material by brush. Mix mineral wool with buttery mix for pipe lagging and odd places.

Health & Safety

- Use goggles, nose mask and hand gloves during application.
- Clean hands with warm soap water after application
- For sensitive skin, use sun protection lotion/ cream

Packing

Available in 1 kg and 25 kg bag.

Storage

Store in a cool dry place, under shed, away from heat.

Shelf Life

12 Months in original unopened sealed condition.



Advisory Cell
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