FF PUTTY Application Method

Preparation

1. Surface preparation

A good quality wall plaster/render made using FF Ready mix plaster or equivalent, with a smooth finish, would make an ideal base for the FF Putty.

The concrete base or other wall bases must be clean, free of dust and grease. The base must be consistent, without loose particles and disaggregation. The base must be visually dry. Cracks in the base should be repaired. Weak bases, which cannot sustain the contraction of coating must be removed or restored. Use a suitable FreeForm primer, for best adhesion results.

Give separate treatments or remedial measures for eliminating dampness, efflorescence, fungus, leakages, etc. if they are already existing on your wall. Better quality and evenness in the base wall will save costs.

2. Recommended primers

FreeForm Primer C or other suitable FreeForm Primer, depending on the condition of the substrate on which the material is applied.

3. Installation tools

- Sandpaper
- Putty Knife
- Blade

Work area preparation/Setting up

1. Mixing

- Add water at about 36 to 40 % by weight of the putty. The mixture should be thoroughly mixed for 10-15 minutes and if possible, preferably by a mechanical mixer till a creamy paste-like consistency is obtained. There should be no lumps upon mixing.

- Make a test mix to adjust the mixing water rate, and the final water rate may need to be adjusted to temperature and work conditions.

- Once mixing rate is established make sure it is always the same.

- When small mixers are used try to use two mixers to secure an even material flow.

- Only so much quantity of the matrix should be wetted as can be used up within 30 minutes of the wetting. Re-adding of water to the mix on drying must not be done because of the polymeric nature of the mix.

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2. Recommended application thickness

We recommend to coat the walls in two coats of 1-1.5 mm each.

To achieve an even finish, the material should be skimmed in even thickness. Good finishing saves costs and time in the final finish and it causes less waste.

3. Laying/Pouring/Installation

The surface must be adequately dampened before the application of the FF Putty. This is necessary so that the moisture from the FF Putty is not wicked out by the base.

Apply the first coat of putty in a vertical "bottom to top" manner by using a putty blade/spatula/ trowel or any finishing tool.

Allow the first coat to dry completely for a minimum of 6 to 8 hours.

Once the first coat is dry, rub the surface gently with sandpaper in order to remove the loose and small particles. After finishing the first coat, start applying the second coat of wall putty.

After complete drying of the second coat, the surface may be very gently sanded to remove unevenness and to get a glossy, smooth and even white surface.

4. Curing

The FF Putty does not require any curing and will cure on its own. Only protect from excessive heat or wind. Drying time of wall putty may vary according to the temperature, humidity and thickness.

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