

# REC PREMIX PUTTY 18

## One Component Cement- Based Putty For Smoothing Surfaces

### PRODUCT

**Rec Premix Putty 18** is cement based, high quality, ready mixed, polymer modified, one component putty in powder form, ideal for smoothing cement based plastered walls and ceilings prior to painting and coating applications.

**Rec Premix Putty 18** can also be used for patching of pre-cast concrete products.

**Rec Premix Putty 18** is specially formulated to provide smooth finish when applied manually by putty knife / spatula.

**Rec Premix Putty 18** is ideal for indoor and outdoor finishing applications.

**Rec Premix Putty 18** is manufactured from carefully selected raw materials which include a blend of high strength hydraulic binders, well graded fillers, and special additives to enhance workability, water retention, adhesion and smoothing characteristics.

### ADVANTAGES

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality control standards.
- Exact mixing ratios and homogeneity of the blend, due to factory fully computerized production process.
- Excellent mixing and workability characteristics.
- Compatible with most types of paints & coatings such as water-based emulsion, oil enamel based and cement-based coatings.
- Extreme temperature resistance from +5°C to +45°C.
- The simplicity of usage and application gives very high productivity rates.
- Excellent bonding characteristics to plastered surfaces.
- Breathable, allows the substrate to breath without de-lamination.
- Excellent resistance to extreme weather.

TECHNICAL DATA	
Color	Available Colors Gray and White
Base	Portland cement, well selected filler, and selected additives
Application Thickness	0.5 to 3 mm at minimum 2 coats ( maximum 2 coats per day)
Powder Density	Approx. 1.15 kg/lit
Pot life	Approx. 2 hours at 25°C
Compressive strenght	> 7 N/mm <sup>2</sup>
Bonding strenght	> 0.5 N/mm <sup>2</sup>

### INSTRUCTION FOR USE

#### SURFACE PREPARATION

- Cement based walls and ceilings are the recommended substrates that can be covered with **Rec Premix Putty 18**.
- Plastered surfaces should be left to cure for at least 3 days prior to application of **Rec Premix Putty 18**.
- Any problem in the substrate which may lead to water penetration must be rectified.
- All surfaces should be in a good and strong condition and be clean and free from any loose particles, dust, oil, grease or curing agents.

#### PRODUCT PREPARATION

Approx. 10.75 ± 0.25 litres of water / 30 kg bags.

#### PRODUCT APPLICATION

- The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or high shear stationary mixer. Ask our technical support team for additional information.
- Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.
- Add 11 liters of fresh cool, clean water in one deep container . Then, add the contents of the 30 kg bag gradually and mix till the mixture is uniform and free of lumps. For best results, use the exact qnantity of water. Keep mixing for 3 - 5 minutes, to insure proper mixing and good dispersion of additives.
- If the surface is dry and in hot weather, prewet prior to the application of **Rec Premix Putty 18** without leaving excess water.
- **Rec Premix Putty 18** should be immediately applied on the well prepared substrate, while the mortar is fresh and workable. In case of delay, do not add additional water. Remix till the mortar is workable again.
- Apply **Rec Premix Putty 18** to the prepared surface by conventional hand applied technique.
- It is recommended to apply **Rec Premix Putty 18** at 2 layers minimum. Each layer should be left to dry completely for at least 2 hours prior to application of the following layer.
- **Rec Premix Putty 18** can be applied at thickness of 0.5 mm to 3 mm at minimum 2 coats (maximum 2 coats per day)

#### COVERAGE RATE

0.5-0.75 kg/m<sup>2</sup>/coat (smooth finish with hand applications). ( Coverage rate may vary depending on surface condition and thickness required)



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## STORAGE

Shelf life is 12 months from manufacturing date, in a dry, covered storage area.

## SAFETY PRECAUTIONS

While using the product, gloves, masks and goggles should be worn. Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.

## DISCLAIMER

while the company guarantees its product against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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