

### MONNELI RASANTE G-30

*High Quality Cementitious Plastering from 3 to 10 mm Thickness*

#### Product Description

A cement mortar composed of bonding agents, fibre, lime, additives and synthetic resins which gives the product the characteristics of perfect adhesion to the support, easy workability and weather resistance.

#### Uses

RASANTE G-30 is used as thin Plaster layer on walls and ceiling for both internal and external application, for uneven walls smoothing, leveling walls, etc. It can be applied directly on AAC Block as well as concrete walls without the need of rush coat.

RASANTE G-30 is also used as a skim coat.

#### Advantages

- Factory controlled pre-blend ensures consistent high quality
- Requires only addition of water on site at the time of usage
- Strong adhesion on variety of substrate
- Shrinkage controlled, reduces surface cracks
- Mineral based non-hazardous
- VOC compliant

#### Instructions for Use

##### Surface Preparation

The substrate should be free of loose particles, dust, dirt, grease, oil or paint. Absorbent and porous substrates should be moistened with water prior the application of RASANTE G-30.

Concrete or block substrates should have been allowed to cure sufficiently. All shrinkage movements should taken place before applying RASANTE G-30.

Saturate the surface with water and wait for the evaporation of excess water before applying the mix.

##### Mixing

Pour 8-9 Liters of clean water into a cement mixer drum. Add 50 Kg bag of RASANTE G-30 into the drum and mix till a homogeneous mixture free from lumps is obtained. A low speed drill fitted with a suitable paddle can also be used for mixing the product. Keep the product for 5 minutes and remix before application.

##### Application

Apply the mixture on the substrate with a metallic smooth spatula. Do not apply more than 10 mm coat thickness.

For the application of 3-4 mm thick plaster, it is recommended to prime the wall with a mix of SBR LATEX RIPRESA, a SBR bonding agent, and water at a ratio of (1:1). Apply the mix on the surface while the primer is still tacky.

Applied plaster of RASANTE G-30 should be cured for minimum 2 days.

##### Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

##### Recommendations

- Do not apply on concrete containing micro-silica or treated with curing compound
- Allow RASANTE G-30 plaster to dry before applying the paint
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use a cool water

- Do not add extra water to the mix more than specified. If the mix starts to harden, do not use that mix and prepare a new one
- RASANTE G-30 is a cement based product. Therefore, standard code of practice for external cementitious rendering should be followed

## Technical Data

Properties	Results
Appearance	Powder
Colour	Grey or white
Density at 25°C	1.6 kg/L
VOC	2 g/L
Adhesion to concrete surface	>0.5 N/mm <sup>2</sup>
Compressive strength	>10 N/mm <sup>2</sup>
Compatibility with adhesive	Excellent
Time of initial setting at 25°C	1.50 – 2.00 hours
Time of final setting at 25°C	3.5– 4.00 hours
Final setting after	28 days
Thickness per coat	from 3 to 10 mm
Humidity resistance	Excellent

All values are subject to 5-10 % tolerance

## Applicable Standards

- BS 5262, BS 5492
- ASTM C 387, ASTM C109

## Consumption

1.6kg / m<sup>2</sup> per 1 mm of thickness

## Packaging

RASANTE G-30 is supplied in 50kg multilayer bags.

## Storage

Store in dry covered place in the original closed bags. In these conditions, the product shelf life is 12 months from the date of production.

## Health & Safety

RASANTE G-30 is a cement-based product; avoid contact with skin or eyes.

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

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