

REC LITE 570

Decorative single layer render

PRODUCT

Rec Lite 570 is a colored waterproofing and decorative mortar made of hydraulic binders, additives as hydrophobic and water retention agents and pigments. A special selection of graded quartz sand and fillers contribute to unique workability properties while giving an exceptional aesthetic appeal to the product.

It can be applied on concrete, cement, render, brick, block work.

SCOPE OF USE

- Waterproofing and decorative render for the facades of detached houses, blocks of flats, office and industrial buildings.
- Suitable for creating stone piers, cornices, cills, windows or door recesses, which can be enhanced by using ashlar detailing.
- Exterior and interior walls.

SUITABLE SUBSTRATES

- For waterproofing and decoration :
 - Dense concrete blocks and clay bricks
 - Concrete
 - Precast concrete blocks
 - Cement renders
- Existing mineral render

For any other substrate, please contact the technical department

LIMITATIONS OF USE

- Do not apply:
 - Onto horizontal or sloping surfaces.
 - On metal surfaces.
 - On gypsum-based materials.
 - At ground level in order to avoid staining.
 - On previously painted surfaces
- On design features such as parapet or similar, the render should be protected.

CHARACTERISTICS

Colors	Various
Grain size	< 2 mm
Paste density	approx. 1.85
Resistance to fire as per BS EN 998 -1	Class A1

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Substrate must be clean, sound and free from greasy matters and dust. Remove all traces of paint, mould oil which may affect the adhesion. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred.

On concrete and non-absorbent substrates use the appropriate company's Premix rush coats.

PRODUCT PREPARATION

Mix one bag of 25 kg with 3.7 to 4 litres of clean water by using special render pump machine.

PRODUCT APPLICATION

The material has been designed for spray application

1- FOR DECORATIVE WATERPROOFING MORTAR

Apply the product in one coat (two passes) to a uniform thickness of 15 mm. When sufficiently hard, generally between 3-16 hours after application, the surface is scrapped.

2- FOR DECORATIVE MORTAR

Apply the product in one coat (two passes) to a uniform thickness of 10 mm. When sufficiently hard, generally between 3-16 hours after application, the surface is scrapped.



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CONDITIONS OF APPLICATION

- Do not apply on frozen or thawing surfaces or when frost is expected within 24 hours, in direct sunlight or when raining.
- Avoid application in damp / wet conditions to reduce the risk of efflorescence, especially with dark colours.
- Ideal application temperature + 15 °C to + 35 °C.
- Provide necessary protection (eg. shade netting) during and immediately after application.
- Curing with a fine mist of water is necessary in hot or quick drying conditions for 48 hours after application from bottom to top.
- Scaffolding should be independently tied to assist uninterrupted application.

RECOMMENDATIONS

- The creation of design features with a thicker coat of render is possible on selected areas such as stone piers, corniches at roof and storey height, or at ground level.

The following thicknesses should not be exceeded:

30 mm on masonry

20 mm on concrete or existing render.

For thicker coats please contact the Technical Department for advice.

• AVERAGE COVERAGE

With a mortar pump 75 / 150 m² per team per day for flat walls.

Detailed aspects will reduce the daily coverage.

CONSUMPTION

Scraped finish

masonry: 22 to 25 kg / m² / 15mm thickness

concrete or undercoat: 14 to 16 kg/m²/10mm thickness

These values are only guidelines and exact consumption is dependent on site condition and should be validated on the job.

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application in a well ventilated area, to wear protective gear for hands, eyes and respiratory system and to avoid dust inhaling. Splashes on the skin should be washed away by cleaning with soap and water. In case of

contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products 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.

NOTE

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