

REC LITE 568

One coat mineral decorative rendering mortar

PRODUCT

Rec Lite 568 is a weatherproof and decorative render made of white cement and limestone, selected aggregates, organic additives, waterproof additives and mineral pigments for the facades of detached houses, blocks of flats, office and industrial. Suitable for creating stone piers, cornices, sills, windows or door recesses, which can be enhanced by using Ashlar cuts.

CHARACTERISTICS

Color	72 colors
Paste density	1.75 – 1.85
Class as per EN 998-1	OC
reaction to fire as per 998-1	A1
Compressive strength	CSII
water retention	Moderate

**Results obtained at 18.5% water ratio under lab. condition.*

**Properties listed above are only based on controlled laboratory samples and tests: Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.*

TEST

RESULT

Capillarity	less than 3 g/dm ² .m ^{1/2}
Fire rating	M0 (non combustible)

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

The background surface to be rendered must be free from contamination, dirt, curing compound, releasing agent, laitance...

- Concrete blocks masonry, clay bricks, absorbent rough concrete and render

- Fill any open joints and voids by dubbing out with **Rec Lite 568** according to good working practices.

- Smooth concrete / dense concrete

- Roughen the surface by mechanical scabbling, or apply suitable Premix Rush-Coat with heavy stipple finish.

In hot weather and dry winds, wet the substrate before application by spraying water in order to prevent premature drying of **Rec Lite 568**. Wait until the film of water has disappeared before applying **Rec Lite 568**. It is recommended to use plastic sheeting to protect fresh applied render from wind and direct sunshine. Do not allow the plastic to touch the finished surfaces.

PRODUCT PREPARATION

Mix **Rec Lite 568** with 4 to 5 liters of water per 25 kg bag for 5 to 10 minutes in a mortar pump. The mixing rate and mixing time must be constant to avoid shade variations after drying.

PRODUCT APPLICATION

1-FOR DECORATIVE WATERPROOFING MORTAR

Scraped finish

Spray directly a layer of 15 mm thickness (two passes, allow the first pass to stiffen slightly before applying the second pass) onto the prepared substrate and then level out. When the surface is hard enough, it is scraped. The timing to start this process is when the material does not stick on the scraping tool. Depending on weather conditions, this may vary between 1 and 16 hours.

The minimum thickness should be 10 mm throughout after scraping.

2-FOR DECORATING CONCRETE AND MASONRY

Scraped finish

Spray directly a layer of 10 mm thickness (two passes, allow the first pass to stiffen slightly before applying the second pass) onto the prepared substrate and then level out.

When the surface is hard enough, it is scraped. The timing to start this process is when the material does not stick on the scraping tool. Depending on weather conditions, this may vary between 1 and 16 hours. The minimum thickness should be 6 mm throughout after scraping.

Next day lightly brush to remove dust and spray with a light mist of water 2 times per day for 2 days.

PRECAUTIONS

Do not apply:

- On horizontal surfaces.
- On wood or metal surfaces
- On gypsum-based materials or paint
- At ground level in order to avoid staining

On design features such as parapet or similar, the render should be protected.

APPLICATION CHARACTERISTICS

- Period of protection against rain water: 3 to 8 hours.
- Application thickness:

Substrate	Masonry	Concrete or undercoat
Scraped Finish	Before scrapping: 15 mm	Before scrapping: 10 mm



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RECOMMENDATIONS

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

The following thicknesses should not be exceeded:

- 30 mm on masonry (blockwork and new render)
- 20 mm on concrete or existing render.

For thicker coats please contact Reckon Chemicals.

CONSUMPTION

Masonry: 22 to 25kg/m²

Concrete or undercoat: 14 to 16 kg/m²

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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