

**Ressi SC 310** is a ready to use skim coat plaster for a thin coat application on a rough plastered surface or a rough finished surface of Ressi PlastoRend 120 to provide a fine smooth finish leaving the surface ready to receive paint or wallpaper. Ressi SC 310 is ideal for internal and external application. Ressi SC 310 can easily be applied with a suitable plastering machine or by hand in accordance with BS EN 13914-1 & BS EN 13914-2. Ressi SC 310 can also be used as a decorative plaster and has a smooth velvety finish to the touch and can be used as an ideal smooth finished plaster with varying shade of colors and a cloudy effect colored feel.

## ADVANTAGES

- ✓ High Strength.
- ✓ Good Decorative Finish.
- ✓ Premix Ready to use.
- ✓ Non-Toxic Material.
- ✓ Breathable surface.
- ✓ Environmentally friendly material.
- ✓ Good weather resistivity.
- ✓ Durable.
- ✓ Good Workability.
- ✓ Ultra-fine smooth finish.
- ✓ Low Water Absorption.
- ✓ Can be Left bare or covered.

## SURFACE PREPARATION

All loose particles of dust and oil shall be cleaned off the surface prior to application. For hot climatic conditions, the surface may be dampened with potable water. The rough Plastered surface must be leveled prior to the application of Ressi SC 310.

## PRODUCT PREPARATION

For manual application it is important that water is premeasured in accordance with the amount of material used. The mortar powder should be added over the water to avoid the settlement of the material at the bottom of the mixing container. The mixing container should be uncontaminated, non-corrosive and clean. Only potable water should be used for mixing. It is also recommended that material should be mechanically mixed with a mortar mixer or other mechanical mixing methods to obtain a consistent lump free mix. Incase of manual mixing it is essential to add the same amount of water in each bag to achieve color consistency.

## APPLICATION

With proper surface preparation and mixing of the material, manual application techniques can be used to apply Ressi SC 310. However, for speedy application it is strongly recommended to do proper surface preparation and spray the material using a plastering / rendering spray machine for higher output of work.

## TECHNICAL DATA

Appearance	Grey , White or Colored Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability, and durability
Maximum aggregates size	0.63 mm
* Water Application	26% ±5%
* Wet mix life	Tested as per BS EN 1015-9 Approximately < 45 minutes @20°C
* Compressive Strength: <sup>1</sup>	Tested as per BS EN 1015-11 28 Days 17 N/mm <sup>2</sup>
* Flexural Strength: <sup>1</sup>	Tested as per BS EN 1015-12 28 Days 2 N/mm <sup>2</sup>
* Approximate Yield/Coverage	0.66 m <sup>3</sup> /T

\* Typical Results under Laboratory Conditions

<sup>1</sup>Results comply with BSEN 998-1 Class (CS IV)

## CURING

No curing required in general, however maximum curing for 72 hours where hot climatic conditions prevail.

## SHELF LIFE

Expiration of Ressi SC 310 is at 6 months after production date under dry and sheltered conditions.

## PACKAGING

Ressi SC 310 is available in 50 KG bags.



## HEALTH & SAFETY

Ressi SC 310 is regarded as non-hazardous for transportation. Do not reuse bags or containers & dispose them off as per local rules and regulations. Gloves & suitable masks can be worn during application. Please refer to the product MSDS for further health and safety information.

## SPECIAL NOTE

Refer to product shade card for further color info.