

Technical Data Sheet



Ressi PlastoRend 100 is a cementitious premix thin applied pigmented plaster which can be applied at a thickness between 0.5mm to 4mm. **Ressi PlastoRend 100** is to be applied over a rough plastered cementitious surface. The product is suitable for internal and external wall surfaces. It can be easily applied with a suitable plastering machine or by hand in accordance to BS EN 13914-1 & BSEN 13914-2. **Ressi PlastoRend 100** provides a modern plastering system for fast application on walls and ceilings.

Advantages

- ✓ Ready to use; Just add water
- ✓ Saves time, no site mix
- ✓ Environmentally friendly ; less wastage
- ✓ Spray by machine
- ✓ Good decorative finish
- ✓ Low water absorption
- ✓ Good compressive and flexural strength
- ✓ Breathable surface
- ✓ Durable color, UV stable pigments
- ✓ Good bond strength
- ✓ Other decorative finishes and treatments possible over substrate
- ✓ Accurate cement content and consistent strength (No dosage and batch errors)

Surface preparation

All loose particles of dust and oil shall be cleaned off the surface prior to application. for very hot climatic conditions, the surface may be dampened with potable water. The rough plastered surface has to be leveled prior to the application of **Ressi PlastoRend 100**.



RESSICHEM (Pvt.) LIMITED

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Product preparation

For manual application it is important that water is premeasured with accordance to 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. It is very important for manual mixing methods that the same amount of water should be added for every bag, otherwise color variations may occur. 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.

Application

With proper surface preparation and mixing of the material, conventional plastering and Color Crete application techniques can be used to apply **Ressi PlastoRend 100**. 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 Aggregate size	1mm
* Water application	22% ± 5%
* Compressive Strength ¹	4.00 N/mm ² @ 28 Days (Tested as per BS EN 1015-11)
* Flexural Strength	1.00 N/mm ² @ 28 Days (Tested as per BS EN 1015-12)
* Approximate Yield / Coverage	0.65m ³ / T

*Typical Results Under laboratory conditions

¹There results comply with BS EN 998-1 Class CS III



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Curing

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

Shelf life

Expiration of **Ressi PlastoRend 100** is at 6 months after production date under dry and sheltered conditions.

Packaging

Ressi PlastoRend 100 is available in 50 KG bags

Health & Safety

Ressi PlastoRend 100 is regarded as non-hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please Refer to the MSDS of the product for further health and safety information.

Special Note

For further color refernce, please refer to our shade card.



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