

Technical Data Sheet



Ressi PlastoRend 120 is a cement based ready to use premix plaster for internal and external use. RPR 120 is an ideal substrate for wall putty, wall papers, decorative plasters and paint. **Ressi PlastoRend 120** can easily be applied with a suitable plastering machine or by hand in accordance to BS EN 13914-1 & BS EN 13914-2 **Ressi PlastoRend 120** provides a modern plastering system for fast application on walls and ceilings.

Advantages

- ✓ Ready to use
- ✓ Good machine flow
- ✓ Good adhesion to substrate
- ✓ Saves space (No dumping of sand on site)
- ✓ Accurate Cement content (No dosage errors)
- ✓ Consistent strength (No batch errors)
- ✓ Durable
- ✓ Save time (No site mix)
- ✓ 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 very hot climatic conditions, the surface may be dampened with potable water. Over RCC and smooth concrete surfaces, it is recommended to coat **Ressi BRC 7000** before commencing the job for plastering.

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.



RESSICHEM (Pvt.) LIMITED

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Application

With proper surface preparation and mixing of the material, conventional plastering techniques can be used to apply **Ressi PlastoRend 120**. 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 Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability and durability
Maximum aggregates size	2mm
* Water application	22% \pm 5%
* Wet mix life	Tested as per BS EN 1015-9 Approximately < 2 hours @ 20°C
* Compressive Strength: ¹	Tested as per BS EN 1015-11 28 Days 4.00 N/mm ²
* Flexural Strength	Tested as per BS EN 1015-12 28 Days 1.00N/mm ²
* Approximate Yield/Coverage	0.66 m ³ /T

* Typical results under laboratory conditions

¹ These 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 120** is at 6 months after production date under dry and sheltered conditions.

Packaging

Ressi PlastoRend 120 is available in 50 KG bags.

Health & Safety

Ressi PlastoRend 120 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.

Special note

Before the application of any product like wall putty, paint, wallpaper, decorative plaster or any other coating, **Ressi PlastoRend 120** must be dried out completely with no moisture content inside of it.



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