

Technical Data Sheet



Ready to use premix, lightweight, fire retardant, insulation plaster

Ressi PlastoRend 120 L is a dry premix cement based plaster for internal/external application to provide thermal insulation of walls. It is an ideal substrate to receive subsequent coats such as decorative plasters and paints.

Advantages

- ✓ Good levels of insulation.
- ✓ Does not allow fire to spread via plaster surface
- ✓ Ready to use
- ✓ Good Machine flow
- ✓ Durable
- ✓ Consistent Strength (No batch errors)
- ✓ 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 portable water. Over RCC and smooth concrete surfaces, a bottom coat of **Ressi BRC 7000** may be used if required.

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 should be uncontaminated, noncorrosive and clean. Only potable water should be used for mixing.

Application

With proper surface preparation and mixing of the material, conventional plastering techniques can be used to apply **Ressi PlastoRend 120 L**. 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.



RESSICHEM (Pvt.) LIMITED

Plot # D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi-75530, Pakistan.
Tel: +92 213 259 3800-02, Fax: +92 213 259 3803

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Appearance	Grey Powder
Composition	Contains Cement and selected aggregates alone with additives to improve consistency, workability and durability.
Maximum aggregate size	2mm
* Water Application	22% ± 5%
* Wet mix life	Tested as per BS EN 1015-9
	Approximately < 3 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 1.00 N/mm ²

* Typical results under laboratory conditions

¹ These Results comply with BSEN 998-1 Class (CS III)

Curing

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

Shelf life

Expiration of **Ressi PlastoRend 120 L** is at 6 months after production under dry and sheltered conditions.

Health & Safety

Ressi PlastoRend 120 L is regarded as non hazardous for transportation. Do not reuse bags and containers and dispose them off as per local rules and regulations. gloves and suitable masks can be worn during application



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Packaging

Ressi PlastoRend 120 L is available in 30 KG bags

Special note

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



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