

Ressi LimeOmight 8000 is a ready to use premixed lime-based repair mortar & plaster to be used for the repairing and plastering works in areas where a Gypsum or a Cement based solution is not required. Ressi LimeOmight 8000 is specifically designed keeping in mind old heritage buildings where initial works were done using a lime mortar. Ressi LimeOmight 8000 can also easily be applied using a plaster / render spray machine for fast and speedy applications.

ADVANTAGES

- ✓ Premixed, Ready to use
- ✓ Easy to apply.
- ✓ Durable.
- ✓ Good machine flow.
- ✓ Higher compressive and flexural strength compared to traditional lime mortars.
- ✓ Constant strength gains throughout the life of the mortar (Even after 28 Days).
- ✓ Good decorative lime-based finish.

SURFACE PREPARATION

The surface must be free from loose particles, dust, oil, grease, and any other material which may cause Ressi LimeOmight 8000 difficulty in adhesion to the substrate. For historic structures where a lot of pollution and other foreign matters may have affected the surface, it is recommended to gently sandblast mechanically remove old foreign substances prior to the application of Ressi LimeOmight 8000.

PRODUCT PREPARATION

It is important that water is premeasured in accordance with the amount of material used. The 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.

APPLICATION

Ressi LimeOmight 8000 can be applied in a variety of ways depending on the type of application needed. Ressi LimeOmight 8000 can be applied at any desired thickness. It is recommended to add Ressi SBR 5850 along with this product to have early and higher strength gains. Ressi SBR 5850 can also be added to the product at a Ratio of 1 KG per 50 KG bag of Ressi LimeOmight 800 for if application thickness is exceeding 18mm and above in a single layer. Ressi LimeOmight can easily be applied in multiple layers.

TECHNICAL DATA

Appearance	White or Colored Powder
Composition	Contains Lime and selected aggregates along with additives to improve consistency, workability and durability
Maximum aggregates size	2 mm
* Water Application	20% ±5%
* Wet mix life	Tested as per BS EN 1015-9 Approximately < 45 minutes @20°C
* Compressive Strength	Tested as per BS EN 1015-11 28 Days 2 N/mm
* Flexural Strength	Tested as per BS EN 1015-12 28 Days 0.5 N/mm ²
* Approximate Yield/ Coverage	0.65 m ³ /T

* Typical Results under laboratory conditions

CURING

No curing required.

SHELF LIFE

Expiration of Ressi LimeOmight 8000 is at 6 months after production date under dry and sheltered conditions.

PACKAGING

Ressi LimeOmight 8000 is available in 50 KG bags.

HEALTH & SAFETY

Ressi LimeOmight 8000 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

This product is usually custom made as per the requirements of the project. This Technical data-sheet is a tentative guideline for the product and cannot be considered as final. The technical values of this technical datasheet can change subject to the requirements at hand.