

Ceramic And Vitrified Tile Adhesive

PRODUCT

RESBUILD ADHESIVE is a prepacked cementitious tile adhesive which ensures excellent bond on concrete and plastered surfaces.

It conforms to IS 15477: 2019 Type 1. It also conforms to ANSI A118.1- 1999 & Type C1TE of EN12004 / ISO 13007.

BENEFITS

- It is prepacked factory controlled which ensures consistent quality.
- Excellent adhesive.
- Easy to use.
- Cost effective.
- Excellent waterproofing characteristics.
- Can also be used for fixing of acoustic and insulating board.
- Internal & external bonding of ceramic tiles and mosaics.

USES

RESBUILD ADHESIVE is a tile adhesive for the permanent fixing of ceramic and vitrified tiles.

TYPICAL PROPERTIES

| | |
|-------------------------------|---------------------------|
| Base | : Cementitious material |
| Appearance | : Grey or white powder |
| Mix ratio | : Approx. 3:1 (by volume) |
| Open time (As per En1346) | : >20 min |
| Bond Strength (As per En1348) | : >0.5 N/mm ² |
| Application Temp. | : 5°C to 40°C |
| Adjustability time | : ~30 min |
| Trafficable time | : 24 hrs. |
| Use | : 14 days |

APPLICATION

Surface Preparation: All surface must be sound and thoroughly cleaned before **RESBUILD ADHESIVE** is applied. All traces of greases or oil must be removed with **FM DEGREASER**. All loose particles of mortar and points must be removed.

Mixing: **RESBUILD ADHESIVE** should be mixed with water in the ratio of 3:1 (**RESBUILD ADHESIVE** : WATER) by volume. Water can

be reduced or increased slightly to get required consistency. A slow speed drill attached with a suitable mixing paddle is recommended. Hand mixing may be allowed if drill/paddle is not available. After mixing wait for 5 minutes then remix and use.

Fixing of Tiles: **RESBUILD ADHESIVE** should spread on the substrate to a uniform thickness of 3mm (minimum) by notched trowel. Choose work area so that they can be tiled in adhesive within the open time to obtain good adhesion to the substrate the following system is recommended. First apply a thin coat of **RESBUILD ADHESIVE** by using the smooth side of the trowel and immediately afterwards apply the desired thickness of **RESBUILD ADHESIVE** using the toothed side of the trowel.

Finishing: Remove excess adhesive with a damp cloth before material has set. Joint grouting may be commenced 24 hours after tiles have been laid.

Additional Information: For filling tile joint **RESBUILD TG** is used.

LIMITATIONS

- Do not use **RESBUILD ADHESIVE**
- On wooden substrate
- On gypsum board or light weight concrete wall
- On metal, rubber & PVC
- With large size tiles

PACKING & COVERAGE

20 kg of woven bag.

20 kg of **RESBUILD ADHESIVE** will cover approx. 55-60 sq.ft at the thickness of 3 mm.

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ESTABLISHED
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SHELF LIFE & STORAGE

RESBUILD ADHESIVE will have a shelf life of 24 months in unopened containers when kept in dry conditions at a temperature between 5°C to 35°C. Material must be kept under shaded area and away from direct sunlight. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY

RESBUILD ADHESIVE is non-toxic. However, splashes on the skin should be washed well with water and if contact with eye occurs, wash well with water and seek medical advice.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our quality control laboratory and technical experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.