

Ultra High Performance Ceramic, Vitrified Tile, Natural Stone And Artificial Stone Adhesive

PRODUCT

RESBUILD ULTRA ADHESIVE is a polymer rich, cementitious tile adhesive for thin or thick bed fixing of ceramics tiles in interior or exterior situations and ensures excellent bonding on concrete and plasters. Also ensures perfect water tightness. It provides strong adhesion to cement / sand screeds, concrete and brickwork. It is also suitable for substrate such as glazed tiles, terrazo and suitably prepared timber.

RESBUILD ULTRA ADHESIVE is a high performance polymer rich cementitious tile adhesive conforming to EN 12004 / ISO 13007 Classified as C2TES1 & IS 15477:2019 Type 3 and ANSI A118.4.

BENEFITS

- High adhesive bond strength.
- Excellent waterproofing characteristics.
- Non-slip and has excellent grab properties.
- Excellent tensile strength.
- Prepacked factory controlled.
- Ensures consistent quality.
- Easy to use.
- Deformable.

USES

RESBUILD ULTRA ADHESIVE can be used for fixing tile on tile applications, ceramics, glass mosaics, Artificial stone, Composite Stone, Agglomerate stone and Engineered Stone, swimming pools, bathrooms, kitchens, laboratories, canteens etc.

RESBUILD ULTRA ADHESIVE can be applied on concrete & brick masonry substrates. cement plaster and cement mortar beds, Ceramic tile, Vitrified tile, Natural stone. It can be also applied on cement board, calcium silicate board, Gypsum wallboard.

PROPERTIES

Physical Appearance	:	Grey or White powder
Open time (as per En1346)	:	>30 Minutes
Foot traffic / Groutable	:	24 Hours at 25°C
Bond Strength (as per En1348)	:	>1.5 N/mm ²
Deformability according to ISO 13007 & En12004	:	S1 - deformable
Ready for use	:	14 days
Application Temp.	:	5°C to 40°C

APPLICATION

Surface Preparation: All surfaces should be sound and thoroughly cleaned before **RESBUILD ULTRA ADHESIVE** is applied. All traces of greases or oil must be removed with degreaser. All loose particles of mortar must be physically removed.

Surfaces: **RESBUILD ULTRA ADHESIVE** can be applied directly on concrete, cement screeds, cement, lime mortars and existing tiles. Timber surfaces should be checked to ensure rigidity and soundness to accept the additional loading without deflection. Provision must be made to ensure adequate ventilation beneath tiled timber flooring.

Mixing : **RESBUILD ULTRA ADHESIVE** should be mixed with water in the ratio of 3:1 by volume. Place gauging water in a clean mixing vessel. Add powder and mix with a suitable stirrer or mixer mounted on slow speed electric drill until a plastic, lumps free consistency is achieved. Hand mixing may be allowed if drill/paddle is not available. Allow to stand for 5 mins and then remix before use.

Application: Apply thin bond coat to the substrate with the straight edge of the trowel. Then comb mortar on to the fresh bond coat with the notched edge of the trowel working in the direction. Apply only that much mortar which can cover the tiles within the open time. Open time can be checked by touching the adhesive bed with fingertip. Position tiles in the adhesive bed and align with a slightly pushing motion, ensuring the tile back achieves full contact with the adhesive.

Note: Gypsum substrates and anhydrite screeds must be perfectly dry, sufficiently hard and free from dust. It is absolutely essential that they be abraded, then treated with **FAIRCRETE SBR** as bonding coat.

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

PACKING & COVERAGE

RESBUILD ULTRA ADHESIVE is available in 5kg and 25 kg HDPE Bag. 25 Kg of **RESBUILD ULTRA ADHESIVE** will cover approx. 70-80 sq.ft at the thickness of 3 mm.

SHELF LIFE & STORAGE

RESBUILD ULTRA 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 ULTRA 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.