

CIS TILE JOINT 45

TWO COMPONENT EPOXY HIGH STRENGTH TILE ADHESIVE

PRODUCT CATEGORY: EPOXY TILE ADHESIVE

PRODUCT DESCRIPTION

CIS TILE JOINT 45 is a two-component, fast setting high strength construction epoxy adhesive used for, spot bonding large format tile and stone on vertical surfaces & for either interior or approved exterior applications.

It bonds virtually anything to anything from tiny electronic parts to large structural components. Being faster setting (15-20 mins at 30°C) its handling time is achieved much faster which is approx. 2hrs & hence is ideal for those jobs which have to be finished in 2-3 Hrs.

This multipurpose two component system comprises of Epoxy resin and hardener which are to be mixed thoroughly in the recommended ratio to achieve optimum results. This system does not contain volatile matter, hence there is negligible shrinkage on curing. CIS TILE JOINT 45 which is internally flexibilized, provides strong joints with excellent low creep properties hence, make it ideal for structural bonding applications.



APPLICATION AREA OF CIS TILE JOINT 45

- Spot bonding marble
- Granite and large format ceramic tile on concrete and overheads
- Interior or exterior applications.
- Adhesive for bonding masonry
- Precast concrete and stone panels.
- Ideal for fireplace surrounds,
- Elevators and stair risers
- Adhesive for bedding and fastening marble
- Granite and other stone slabs on walls and wainscoting.
- Adhesive for fabricating granite, marble and other stone

PRODUCT FEATURE

- Permanent bond
- VOC of Resin & Hardener – 0.1 g/L max
- Non-sag consistency · Shock and Vibration resistant

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- Quickly and easily applicable.
- Non-staining

APPLICATION METHOD

- All substrates must be clean and dry when application of CIS TILE JOINT 45 Adhesive is made. Finished marbles/ granite / decorative stones equipped with any type of resin, mesh, epoxy or fiberglass backing must be ground in those areas to receive CIS TILE JOINT 45.
- Clean and grind back of stone at areas to receive the CIS TILE JOINT 45 spots using a mechanical wheel grinder with a diamond wheel/blade. Remove dust with a stiff brush, wipe entire surface. Using a damp sponge (not wet), wipe the tile or stone to remove any particles or remaining dust to ensure a clean direct bond and that all ground material is removed. Wipe dry with a clean cloth, then apply CIS TILE JOINT 45.
- Mix Part A(Resin) and Part B(Hardener) (1 : 0.5 by weight). Mix until uniform in color; no swirls. Small quantities can be mixed with a putty knife or margin trowel. Larger quantities can be mixed with an electric drill mixer (low speed).
- Apply dabs evenly distributed on back of the stone or tile; 5 dabs minimum, 1 in each corner and 1 in center. Cover at least 10% of the area of each piece. Finished dab thickness must be a minimum of 1/8" (3mm).
- After installation of CIS TILE JOINT 45 onto the marbles/ granite / decorative stones, install onto substrate and adjust for plumb and level.

ADVANTAGES OF CIS TILE JOINT 45

- CIS TILE JOINT 45 Adhesive offers major advantages over mechanical anchoring, concrete and wire, and the thin -set method of installation.
- The first advantage is speed of installation, which increases productivity and lowers labor costs. · CIS TILE JOINT 45 Adhesive is much easier to work with when compared to traditional methods – drilling, cutting or setting of clamps into a stone is not required.
- CIS TILE JOINT 45 Adhesive allows for quick and easy plumb adjustment while the stone is in place to compensate for uneven walls and thickness variations in the stone.
- CIS TILE JOINT 45 Adhesive is permanent – it will not fail or deteriorate over time, thus providing a dependable and beautiful installation for life

PACKING

1.5 kg , 6 kg

SHELF LIFE

12 months from date of manufacturing in factory sealed container.