

X-Tile TTA

Polymer modified adhesive for bonding new to old tiles.

Product Description

X-Tile TTA is a high performance flexible tile adhesive used for the application of new tiles on top of existing tiles.

Composition

X-Tile TTA is a two component polymer adhesive using selected polymers, fillers and an acrylic co-polymer.

Advantages

- Waterproof
- Flexible
- UV stable
- Breathable
- Can be applied to tiles
- Can be used in contact with potable water.

Laboratory Test Data

Property	Typical Results
Elongation	>30%
Tensile strength	>2.0MPa
Water penetration	Nil at 5 bar

The above data relates to X-Tile TTA after 28 days curing.

Color

White

Theoretical Coverage

Depends on the substrate but typically 4kg/m² for a 2-3mm application.

Packaging

30 kg bags.

Shelf Life

12 months when stored below 35C under shade in a dry environment.

Installation Guidelines

X-Tile TTA should be applied by experienced applicators. NCC X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation

The substrate must be structurally sound. Loose or unsound tiles and mortar should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

Mixing

X-Tile TTA is supplied as a two component pack consisting of powder and liquid polymer. Both components are pre-measured and no addition of water is necessary. Place the liquid polymer component into a suitable container and slowly add the filler component while mixing with a slow speed drill fitted with an approved mixing paddle. Mix for approximately 3 minutes until a lump-free creamy paste like consistency is achieved. Mix only sufficient material for application within 45 minutes.

Application

X-Tile TTA is applied in one coat at a thickness of 3 to 5mm when used as a thin set adhesive. To achieve a uniform thickness, the mortar should be spread with a serrated trowel. Do not spread more than 0.5m² at a time. Spreading larger areas may result in the mortar drying out before tiles can be stuck to the adhesive, resulting in poor adhesion. The actual open time will vary according to the porosity of the surface and ambient conditions. Leave a minimum 2mm gap around every tile.

Joints

Ensure that movement and perimeter joints are incorporate as per the relevant Code of Practice. (Refer to NCC X-Calibur Technical Note 006.07)

Trial Area

Due to the wide variety of tiles and methods of tile fixing used in construction it is recommended that a trial area be carried out prior to commencement of tiling works and pull off tests carried out.

Limitations

Temperature of the mixed product should be less than 30C at time of mixing.
Do not apply to substrates that have free water on them.
Do not apply below 5C.
Avoid excessive application.
Avoid skin contact.
Do not discard into the water system.

Health and Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.ncc.com.eg

Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.ncc.com.eg for a full list of NCC X-Calibur ATs.

Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.ncc.com.eg to ensure you have the latest version.

Warranties

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. NCC X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemistry Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** NCC X-Calibur Construction Chemistry Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.



Quality Statement
All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004 , ISO 9001:2000.



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www.x-calibur.us