



## Installation Guidelines

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.

### Approximate Coverage kg/m<sup>2</sup>

Tile size (mm)	2mm Joint	3mm Joint	4mm Joint
25x25x6	1.9	2.8	5.6
50x50x6	0.8	1.2	2.4
100x100x10	0.8	1.1	2.2
100x100x13	1.0	1.4	2.8
100x200x10	0.6	0.8	1.6
100x200x13	0.8	1.1	2.2
150x150x10	0.6	0.8	1.6
150x150x13	0.7	1.0	2.0
150x150x19	1.0	1.4	2.8
200x200x10	0.4	0.6	1.2
200x200x13	0.6	0.8	1.6
250x250x10	0.3	0.4	0.8
300x300x10	0.2	0.3	0.6
300x300x13	0.2	0.3	0.6

## Substrate Preparation

The tile joints must be clean, free of any contamination.

## Mixing

Mix component A and B together thoroughly with a slow speed drill for 2 to 3 minutes (max 400 R.P.M.). Then add component C and continue mixing until homogeneous.

Packs can be split if suitable weighing and measuring equipment is available at the job site.

Where multiple small areas are to be grouted, transfer the mixed grout to clean buckets and distribute to the grouting teams to allow them to use the product within 45 minutes.

## Grouting

X-Tile Grout EJ should be applied after 12 hours but within 24 hours after application of the tile adhesive. This will help ensure uniform stress distribution at the bond line and maximum bond. Apply using a rubber grouting spatula or trowel, taking care to ensure that is well compacted into the joints. Excess material should be removed immediately from the tile surface using a damp cloth or sponge.

## Joints

Ensure that movement and perimeter joints are incorporated as per the relevant Code of Practice.

## Trial Area

Due to the wide variety of substrates, 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.

## Cleaning

Clean all tools and equipment immediately with X-Shield Solvent A.

## 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](http://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](http://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](http://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 Chemicals **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 Chemicals shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.