

# X-Shield BondSeal

## Bonding aid and sealer for natural stone tiles

### Product Description

X-Shield BondSeal is a ready to use, single component, high performance acrylic emulsion bonding aid and sealer, specifically developed for use with natural stone tile.

### Advantages

- Improved bond
- Easy to use
- Reduces staining
- Reduces absorption
- Non-flammable
- U.V. Resistant

### Laboratory Test Data

Property	Typical Results
Bond strength	>150psi (1.0MPa)
Reduction in water absorption	>90%

Bond strength is dependent on the tensile strength of the substrate and the repair.

### Coverage

Typically 6m<sup>2</sup> per liter but will vary with each type of substrate.

### Packaging

5 and 20 liter pails

### Shelf Life

24 months when stored below 95°F(35°C) under shade in a dry environment.

### Application Guidelines

#### ▪ Surface Preparation

All surfaces to be treated should be dry, clean and free from any contamination.

#### ▪ Application

X-Shield BondSeal is used undiluted straight from the pack.

Apply by brush direct to the rear and edges of the stone until fully absorbed. Do not over apply.

### Limitations

Do not dilute.

Apply only to the rear and edges of natural stone tiles.

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](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.

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## 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 these 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.

