



X-Roc BondCure

Combination acrylic primer and curing compound

Product Description

X-Roc BondCure is a ready to use, single component, high performance acrylic emulsion bonding agent and curing compound, specifically developed for use with the X-Roc Concrete Repair System. It can also be used as a stand alone permanent curing compound and alkali resistant primer on cement based renders and plasters prior to applying paint systems.

Advantages

- High performance
- High bond strength
- Easy to use
- Improved durability
- Compatible with X-Shield AntiCarb coatings
- Non-flammable.

Standards Compliance

ASTM C1059

Laboratory Test Data

Property	Typical Results
Bond strength	1.5MPa
Curing efficiency (BS 7542)	>55%

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

Volatile Organic Content

VOC = <10g/L

Coverage

As a bonding agent: 8m² per liter.

For curing: 6.0m² per liter.

When used as a bonding agent, coverage will vary depending on surface profile and porosity.

Packaging

5, 20 and 200 liter drums.

Shelf Life

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

Bonding

▪ Surface Preparation

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. Saw cut around the edge of the repair to a minimum depth of 6mm. Reinforcing steel should be fully exposed with enough room behind the steel to place the repair mortar.

▪ Application

X-Roc BondCure can be used undiluted straight from the pack or diluted 1:1 with clean potable water. Brush X-Roc BondCure on to the saturated surface dry substrate, taking care to avoid ponding or excessive application. Apply the mortar immediately after the product has become tacky.

Curing

X-Roc BondCure should be brush or spray applied to the surface of freshly placed concrete repair mortar immediately after finishing. Hardened concrete or mortar surfaces should be pre-soaked with water prior to the application of X-Roc BondCure.

Limitations

Do not dilute when used as curing agent.

Not for use in permanently immersed conditions.

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 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.

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