

# X-Seal FR100 Primer

## High performance primer for X-Seal FR100 Sealant

### Product Description

X-Seal FR100 Primer is a high penetration primer for use with X-Seal FR100 joint sealant.

### Advantages

- Low viscosity
- Penetrating
- Enhances bond
- Stops out gassing

### Laboratory Test Data

Property	Typical Results
Solid Content	99±1%
Specific gravity	1.15 ± 0.02
Pot life	120 mins at 25C
Initial Setting time	7 hours at 25C
Mixing Ratio	1:2

### Theoretical Coverage

X-Seal FR100 Primer - 15 gm/m is sufficient for 20mm joint x 20mm depth

Actual coverage will depend on wastage and surface profile.

### Packaging

1 liter packs

### Shelf Life

12 months when stored below 30C (86F) under shade in a dry environment.

### Application Guidelines

Joint sealant systems should be applied by experienced coating crews. 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 concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The surface should be prepared by light grit blasting or high pressure water blasting to produce a lightly exposed aggregate surface.

### Mixing

Mix X-Seal FR100 Primer using the following technique. Add the hardener 'Part B' into the base 'Part A' and mix using a slow speed drill for 2 minutes or until both components have fully dispersed and are uniform in color. Mix only full packs.

### Application

Apply a single coat of 200 micron wet film thickness using a brush. If the primer is left to dry for more than 24 hours the surface will have to be re-primed. Porous substrates may require a two coat application. Clean equipment using X-Shield Solvent S.

### Limitations

Do not apply below 5C (41C).  
Avoid excessive application.  
Avoid skin contact.  
Do not discard into the water system.  
Do not smoke.

### 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.

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### 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 of 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 Chemical shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.



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