X-CALIBUR CONSTRUCTION CHEMISTRY

Technical Data Sheet

X-Seal Universal Primer

High performance primer for X-Seal FR200 and PS800 Sealant

402590126

Product Description
X-Seal Universal Primer is a single component high penetration primer for use with X-Seal FR200 joint sealant.

Advantages
- Low viscosity
- Penetrating
- Enhances bond

Specification Compliance
DCL Green Building Regulations

Laboratory Test Data

Property	Typical Results
Specific gravity	1.00 ± 0.05
Touch dry	10 minutes at 30C (86F)
Recoat time	24 hours at 30C (86F)

Volatile Organic Content
VOC <400 g/L

Theoretical Coverage
X-Seal Universal Primer - 15m² per liter.
1 Liter of X-Seal Universal Primer is sufficient for approx. 225lm of 10mm joint.

Actual coverage will depend on wastage and surface profile and can be up to 30% higher than the theoretical coverage.

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. 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.

Application
Apply a single coat of 75 micron (3mils) wet film thickness using a brush. Apply sealant within the open time of the primer. Apply sealant between 1 to 2 hours at 25c, 30mins. to 1hour at 35C, 15 to 30mins at 45C. If the primer is left to dry outside the application window then the primer must be re-applied. 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.x-calibur.us

Authorized Technical Specialist
Please note that only X-Calibur Authorized Technical Specialists ('ATSs') 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.x-calibur.us for a full list of X-Calibur ATSs.

Datasheet Validity
X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.x-calibur.us to ensure you have the latest version.

Warranties

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. 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 X-Calibur in writing within five working days of being detected. 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.** X-Calibur Construction Chemistry Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.