

X-Wrap Primer

High performance primer for X-Wrap Fabric

Product Description

X-Wrap Primer is a high penetration primer suitable for use with X-Wrap Lamination Adhesive and X-Wrap structural strengthening fabrics.

Advantages

- Solvent free
- Zero VOC
- Low viscosity
- Penetrating
- Long pot life
- Enhances bond

Laboratory Test Data

Property	Typical Results
Volume solids	100%
Specific gravity	1.05 ± 0.05
Pot life	60 mins at 30C (86F)
Recoat time	6 to 24 hours at 30C (86F)

Theoretical Coverage

X-Wrap Primer 10m² per liter (110ft² per quart).

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

Packaging

1, 5 and 15 liter packs
1 quart and 1 gallon packs - USA.

Shelf Life

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

Installation Guidelines

X-Wrap Primer can only be applied by an NCC X-Calibur Registered Contractor using trained personnel and the correct equipment. NCC X-Calibur does not allow any contractor on to the register unless they satisfy strict selection criteria. For each application NCC X-Calibur will provide a detailed method statement that the Registered Contractor will work to.

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. Any bug holes should be filled with X-Shield BugFill.

Mixing

Mix X-Wrap Primer using the following technique. Add the hardener 'Part B' into the base 'Part A' and mix using a slow speed drill (500 rpm) with an X-Shield Coating Mixer Paddle for 3 minutes or until both components have fully dispersed and are uniform in color. Be sure to rotate the mixer throughout the drum. Mix only full packs.

Application

Apply a single coat of 50 to 100 micron (2 to 4 mils) wet film thickness using brush, roller or airless spray. When using airless spray, tip size should be 0.015" to 0.0018" at a pressure of 2200psi. Allow to dry before over coating. Ensure that no ponding of the primer occurs and that it is not applied too thick. Recoat after 6 to 24 hours at 30C (86F). 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.

Limitations

Do not apply below 5C (41C).
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 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 Chemicals shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.