

X-Wrap Lamination Adhesive

Lamination resin for X-Wrap Fabrics

Product Description

X-Wrap Lamination Adhesive is an easy to apply, high performance epoxy resin designed as an impregnant for fabric reinforcement; the resulting laminate offers excellent strengthening properties coupled with long term durability.

It has been formulated as a solvent-free, semi-thixotropic system which allows easy mixing and fibre impregnation combined with minimum drainage and sag on vertical surfaces.

It is available in two grades fast and tropical.

Advantages

- Solvent free
- Zero VOC
- Two grades fast and standard
- High strength
- Strong adhesion
- Can be used in vertical and horizontal applications

Uses

As the lamination resin for X-Wrap Fabrics

Laboratory Test Data

Property	Standard	Tropical
Viscosity 20°C	5000 cps	7000 cps
Pot Life	40 mins at 25C	40 mins at 35C
Tensile Strength 7d/20°C	45MPa	
Flexural Strength 7d/20°C	60MPa	
Compressive Modulus 7d/20°C	1.67GPa	
Glass Transition Temperature	65C	

Theoretical Coverage

0.5 to 0.6 kg/m²

Packaging

5 kg packs

Shelf Life

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

Installation Guidelines

X-Wrap Lamination Adhesive 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.

Application

Refer to method statement for the particular application.

Mixing

Mix X-Wrap Lamination Adhesive 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.

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.