

X-Tech Conductive Base Coat

Static conductive undercoat

Product Description

X-Tech Conductive Base Coat is part of a static conductive system, it is the layer of a three layer system comprising a solvent free primer (X-Shield SF Primer), a solvent free under-coat (X-Tech Conductive Base Coat) and a self smoothing floor topping (X-Tech AntiStatic SLE) that produces a static conductive floor with resistance between 5×10^4 to 1×10^6 Ohms.

Advantages

- Meets SCAQMD Rule 1113 & LEED VOC Limits
- Formaldehyde free

Typical Uses

Static conductive undercoat

Specification Compliance

SCAQMD Rule 1113
LEED NC2009 IEQ 4.2
ANSI/ESD S7.1 (conductive)
ASTM F150 (conductive)
BS 2050

Application Properties

Application thickness	200 microns wft
Application temperature range	5 to 35C (41 to 95F)
Pot life at 25C (77F)	45 min

Volatile Organic Content

VOC = <20 g/L

Color

Black

Theoretical Coverage

X-Tech Conductive Base Coat: 5m² per Kg

Packaging

X-Tech Conductive Base Coat: 5Kg pack.

Shelf Life

18 months when stored at 35C (95F) or less in a frost-free, dry and shaded area.

Installation Guidelines

Epoxy flooring should only be carried out by experienced contractors. 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 and includes requirements for testing of electrical resistance, earthing of the system and how to deal with day and live joints. The information below is a summary intended for guidance only.

Mixing and Application of the Undercoat

Both of the liquid components should be briefly stirred to ensure that any settlement products are fully suspended. Pour the base component into a clean mixing vessel and while stirring slowly, add hardener component and mix for 2 minutes. The undercoat should be mixed with a slow speed drill and suitable mixing paddle. When mixed the undercoat should be applied to the primed concrete using a medium hair roller from a roller tray to the correct coverage. Do not pour directly onto the substrate as this may result in occasional patches of thick material.

Cleaning

Tools should be cleaned immediately after use and before the resin sets, using a proprietary cleaner. Once the resin has set, it can only be removed by mechanical means.

Limitations

Do not use solvent to finish the surface.
Do not apply below 5C (41F) or above 35C (95F).
Apply only on to slabs that have a waterproofing system installed in order to prevent blistering due to osmosis.
Avoid skin contact.

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 ('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.ncc.com.eg for a full list of NCC X-Calibur ATSS.

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 over 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. 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.