

X-Tech DeckCoat CP Top Coat

Solvented UV resistant polyurethane coating

30520216

Product Description

X-Tech DeckCoat CP Top Coat is a two component aliphatic polyurethane coating. It has excellent color stability and resistance to abrasion, weathering and a wide range of chemicals. It can be roller or spray applied.

Advantages

- Color and UV stable
- Hygienic seamless surface
- Excellent impact resistance
- Good chemical resistance

Uses

- Top coat for car park, decks and ramps.
- Aircraft hangers

Laboratory Test Data

Property	Typical Results	Test Method
Tensile strength	2000psi (15MPa)	ASTM D412
Elongation	20%	ASTM D412
Hardness (Shore D)	56	ASTM D2240
Adhesion to primed concrete	360psi (2.5MPa)	ASTM D4541

The above results were obtained on 7 day old samples cured at 95F (35C).

Chemical Resistance

Test method ASTM D3912 (12 month exposure)

Diesel Fuel	No visible damage
H ₂ SO ₄ (25%)	Slight surface change, no hardness loss
HCl (10%)	No visible damage
Petrol	No visible damage
Brake fluid	No visible damage
Detergents	No visible damage
De-icing salts	No visible damage

Volatile Organic Content

VOC = <120 g/L

Excludes exempt solvents.

Color

Traffic Grey A RAL 7042 Traffic Grey B RAL 7043
Carmine Red RAL 3002 Traffic Blue RAL 5071
May Green RAL 6017
Custom colors available.

Theoretical Coverage

0.15 to 0.3L/m² (average 0.2L/m²)

Actual coverage will depend on wastage and surface profile and can be up to 20% or more higher than theoretical coverage.

Packaging

18 liter kits.

Shelf Life

12 months when stored unopened below 77F (25C) under shade in a dry environment.

Installation Guidelines

X-Tech DeckCoat CP Top Coat 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.

Mixing

Thoroughly mix base component with a low-speed drill and clean mixing blade for a minimum of 2 minutes. Mix slowly to minimize the vortex and to prevent trapping air. Combine Part B and Part A in a mixing container. Thoroughly mix both parts with a slow-speed drill and mixing blade for a minimum of 2 minutes.

Allow to stand for two minutes to remove any residual air.

Application

Apply in a single coat of 150 to 300 microns wet film thickness using brush, roller or airless spray. Once the can is opened use the product as soon as possible. Note: The actual thickness of the Anti-Skid Coat and Top Coat will be dependent upon the final texture and finish required.

Limitations

Avoid skin contact.

Do not discard into the water system.

Apply only on to slabs that have a waterproofing system installed in order to prevent blistering due to osmosis.

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 ATSSs.

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 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. 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.