

X-Tech LMP (A)

Acrylic road marking paint

Product Description

X-Tech LMP (A) is a road marking paint based on acrylic resin, pigmented with light fast – weather resistant pigment with inert extenders. It is a fast drying coating, suitable on asphalt. It has good resistance to water, oils and gasoline.

Advantages

- Resistant to ultra violet light
- Water resistant
- Rapid drying
- Good bond to most substrates

Uses

- Good mechanical and abrasion resistant road marking paint.
- Useful for marking roadways, curbstone, traffic crossing, service stations and parking lots.

Laboratory Test Data

| Property | Typical Results |
|----------------------------|-----------------|
| Volume solids (ASTM D2697) | 55 ± 2% |
| Specific gravity (kg/ltr) | 1.40 ± 0.05 |
| Drying time to overcoat | 60 minutes |

Volatile Organic Content

VOC = <250 g/L

Color

White, Black, Yellow, Red and Grey.

Theoretical Coverage

X-Tech LMP (A) 3.5 to 5m² per Kg per coat.
Dry film thickness - 82.5 to 110 microns per coat
Wet film thickness -150 to 200 microns per coat
1 to 2 coats recommended

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

Packaging

5 and 20 Kg pails.

Shelf Life

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

Application Guidelines

Epoxy coating and floor systems should be applied by experienced coating crews. 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. The information below is a summary intended for guidance only.

Surface Preparation

Ensure surface is dry and free of oil, grease, dust, loose particles etc.

Mixing

Mix with and X-Shield Mixing Paddle to ensure even dispersal of the pigment before application.

Application

Thinning should be avoided or film thickness will be reduced. Apply in two coats at 200mm wet film thickness by spray brush or roller. Recoat after 60 minutes at 30C. Clean with X-Shield Solvent.

Limitations

Will not accommodate movement cracks.
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 ('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 ATSSs.

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.