

# **Uniguard HB Cryl**

# **Product Description**

Uniguard HB Cryl is a single component acrylic based waterproofing and protective coating. The coating is durable, flexible and UV resistant. Especially designed to provide a totally seamless, durable water proofing membrane for roof protection. The coating is suitable for both interior and exterior application.

If **reinforcement fiber** is added; a highly flexible coating with extra strength will be obtained.

## **Features and benefits**

- Single component, easy to apply.
- Excellent resistance to water and moisture.
- UV and weather resistant.
- Crack bridging properties.
- Excellent adhesion on most substrates.
- Heat resistant & high solar reflectance.
- Can be over coated.
- Can withstand water immersion.

## **Typical use**

- Suitable for waterproofing exposed roof.
- Metal profile roofs.
- Protective coating over polyurethane foam insulation.
- Protective coating on underpasses and concrete bridge decks.

## Substrate

Concrete, cement board, metal, etc...

## **Product Data**

Packaging size	16 Liter
Form	Liquid
Colors	White, Black and Blue
Solids by volume	49 ± 2%
Density	1.27 g/cm <sup>3</sup>
VOC	12.5 g/l, according to ISO 11890 EU

## **Application data**

The product can be applied by	
Roller	Recommended
Brush	Recommended

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Page: 1/3

This Technical Data Sheet supersedes those previously issued. The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product.



#### Spray

# Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat	
Without Fiber	
Dry film thickness	300 μm - 600 μm
Theoretical spreading rate	26 m <sup>2</sup> /pack - 13 m <sup>2</sup> /pack
With Fiber	
Dry film thickness	400 μm  -  750 μm
Theoretical spreading rate	19.6 m <sup>2</sup> /pack - 10.5 m <sup>2</sup> /pack

Recommended

Thinner (solvent to mix with) Water

#### **Dilution (Mix Ratio)**

Maximum 10% for the first coat only.

#### **Conditions during application**

Do not apply if the temperature is below 5°C and not more than 40°C. For ambient air temperature > 30°C continuous humidification (spraying water mist) is required before and during application. Avoid working under direct sunlight.

Drying and curing time	25 °C
Surface (touch) dry	2 h
Dry to over coat, minimum	6 h
Full Cure	24 h

## **Directions for use**

#### **Surface preparation**

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Clean the surface with water.

## **Recommended Paint System**

#### Number of coats:

2-3 coats to achieve 1 mm thickness.

#### Storage

- Store in cool, dry place in a well-sealed container away from moist air for 6 months.
- Keep away from heat, ignition sources and from children.



## Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children

## Health and safety

Possible Hazards: It causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.