

# X-Pruf RBE

## General purpose rubbrized bitumen emulsion

### Product Description

X-Pruf RBE is a Rubberized / Latex Bitumen liquid emulsion with excellent adhesion to most substrates. X-Pruf RBE dries to a tough black seamless, flexible waterproof and vapor-proof membrane.

### Advantages

- Cost effective
- Flexible
- Liquid applied
- Environmentally friendly
- Can be applied to green concrete

### Uses

- Damp proof membrane
- Curing compound
- Concrete protection
- Bathroom and kitchen waterproofing
- General purpose waterproofing
- Plaster key
- Insulation board adhesive

### Specification Compliance

ASTM C309  
BS 8102  
ASTM D2939

### Laboratory Test Data

Property	Typical Results
Elongation	>400%
Color	Dark Brown
Softening point	>100°C
Rubber Content	>10 % on the dried film
Service Temperature	-20° C to +100° C
Specific Gravity	1.05 ± 0.1 at 25° C
Flash Point	Non-flammable
Application Temperature	+5° C to +50° C
Drying Time Approximately	60 min at (T 25°C & RH 50%)
Solid content	47± 5% approx (ASTM D 244)

### Theoretical Coverage

Depending on the type of use:  
General Use : 1 to 4 m<sup>2</sup>/ Kg. or 1Kg / m<sup>2</sup>/2coat.  
Primer : 2 to 4 m<sup>2</sup>/Kg or 0.25 - 0.5 kg/m<sup>2</sup>/coat.

### Packaging

Drums : 200 Kg  
Pails : 15 Kg

### Shelf Life

12 months when stored between 5 and 40C under shade in a dry environment.

### Installation Guidelines

#### Surface Preparation

All surfaces to be treated should be clean and free from any contamination or surface water. Hot and porous substrates should be primed with a primer coat of 1:1 by volume of X-Pruf RBE and potable water. This should be applied to the substrate and allowed to absorb and dry before application of undiluted X-Pruf RBE.

#### Application

X-Pruf RBE can be applied by brush, squeegee or airless spray. Stir well prior to use.

For vertical applications, ensure that there is no material sag. This can best be achieved by multiple coat applications at a maximum thickness of 200 microns per coat. For multiple coat application, the second coat should be applied at right angles to the first. All applications should be continued up verticals to the existing damp- proof course. Ensure that the membrane is not punctured or damaged during subsequent applications.

Where X-Pruf RBE is to receive a screed, two coats should be applied. The second coat should be blinded with clean, dry sharp sand immediately after application. The excess sand should be brushed off when the coating has dried.

#### Clean Up

Clean tools and equipment with water while still wet. Once dry, remove mechanically or using a suitable solvent.

## Limitations

Do not expose to sunlight for long periods.  
Do not apply at temperatures below 5°C or above 45°C.  
Do not add solvent.  
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](http://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](http://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. Check the datasheet update section on [www.ncc.com.eg](http://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 NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemistry. **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 Chemistry shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.