

OXIGUARD HB-X*

High Build Rubberized Bitumen Emulsion coating

Description

OXIGUARD HB-X is a High Build bituminous rubberized liquid protective coating. OXIGUARD HB-X is highly recommended for the building structure including foundation, kitchen and toilet floors. OXIGUARD HB-X has excellent adhesion to dry as well as to damp and primed surfaces of concrete, plaster, masonry, bituminous roofing felt, asphalt coatings and excellent in metal surfaces.

Advantages

- Single component and cold applied.
- **Environment friendly.**
- Excellent vapor barrier.
- Cured membranes OXIGUARD HB-X remain highly flexible even at extremes of temperatures (-25°C to 120°C).
- Resistant to chlorides and sulphates commonly present in the soil.
- Compatible with cementations tiling adhesive.

USES

- Balconies, terraces, parking garages
- Industrial washrooms & shower
- Foundations, cellar walls, retaining walls, bridges abutments.
- Curing membrane and protective coating for sub structure.

Typical Properties

Specific Gravity	: 1.02 + / -0.01
Colour	: Dark Brown liquid, turns seamless membrane when it cures
Solid content	: 65% ASTM D2939 – 03
Rubber Content	: 15% ASTM D1644
Elongation (ASTM D412)	: 1000 % (approx)
Tensile strength	: >0.30N/mm ² ASTM D412
UV and Ozone stability	: Excellent
Chemical stability	: Resistant most common spills like oil and mild chemicals. Will not resist solvents which dissolve Asphalt.
Temperature resistance	: -20°C to +120°C
Touch dry	: 1-2 hour (depending on temperature)
VOC (USEPA 8260 / 24-1)	: <50g /L
Resistance to water	: Excellent

*Note: All Values are subject to ****±5-10%** tolerance*

Standard Compliances

Protection of buildings: As per BS 102 code of practice.

As curing membrane: ASTM C 309: 1998
ASTM D 2939.

Surface Preparation

The surfaces should be clean and free from oil and grease. Dust particles should be removed and damaged spots repaired first. Cracks should be filled up. Expansion joints to be filled with a compatible mastic like Oximast BI.

Priming is recommended as this improves the adherence, use Oxiprime WB for priming diluted with water at 1: 1 ratio.

Al Majara Polychem Industries LLC

P.O. Box. 66507 | Sharjah | UAE |

Tel +971 6 5360700 | Fax +971 6 5360701

Email : info@majarapc.com | www.oxichemicals.com

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Application

OXIGUARD HB-X can be applied by a soft, longhaired brush or broom; alternately the product can be spread by a rubber squeegee. Additional layers must only be applied when the previous layers have dried. Recommended consumption of product should be followed. For multiple coats allow sufficient drying between coats. Wherever possible apply coats at right angles to each other to achieve even thickness of coating. OXIGUARD HB-X also acts as a non-degradable curing membrane, hence may be applied immediately after the removal of mould, to the concrete structures, which has no aesthetic value such as the substructures of the building.

Coverage & Recommended

The coating shall be applied at a coverage rate of 1-2m²/ L/coat at required no. of coats and may vary depending on the requirement.

Storage/Shelf Life

Keep away from direct sunlight and store under normal warehouse conditions. The shelf life is 12 months from the date of manufacturing provided it is stored in unopened factory packed drums.

Cleaning

Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

Packing

20 ltr Drum & 200 ltr pail.

Health and Safety

Use normal safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately.

Disposal

Do not re-use containers. To be disposed off as per local rules & regulations.

Information

Al Majara Polychem Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable care it's taken compiling this technical data sheet, all recommendations regarding the use of product are made without guarantee since the conditions used are beyond the company' direct control. It is the customer responsibility to satisfy themselves that each product is fit for the purpose for which they indent to use it.

Quality Matters

All products originating from Al Majara Polychem Ind. LLC are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9000, ISO 14001 and OHSAS 18001.