

## MAK FLEXIDRY HB2

Fast Drying High Build Flexible  
Bitumen Modified Coating



### Description

Mak Flexi Dry HB2 is high performance water proofer that dries superfast to form a tough impermeable high build coating up to 2mm thickness. It is a blend of special grade bitumen emulsion with special catalyst for a superfast drying action. It can also be used as remedial waterproofing over all types of old roofing materials, without removing them.

### Area of Application

- ◆ As an impervious waterproofing membrane
- ◆ Useful on concrete and brick foundations, retaining walls and bridge abutments.
- ◆ As a monolithic high build liquid membrane for Podium areas, Terraces/roofs and Basements.

### Key Features

- ◆ Impervious waterproofing membrane
- ◆ Excellent crack bridging capacity. Highly flexible.
- ◆ Superfast [almost instant] drying. Reduces application time of coat on coat system.
- ◆ Excellent bonding to substrate such as concrete, masonry, wood, metal, plastic, etc.
- ◆ Very good bonding to damp surfaces.
- ◆ Easy to use- brush on. Monolithic layer/jointless.

### Application Procedure

**Surface preparation:** The surface to be coated should be free from all loose particles, dust, oil and laitance. All visible cracks should be opened in 'V' groove and filled with Mak Crack-O- Fill, a single component crack filling compound.

**Application:** Mak Flexi Dry HB2 is applied in minimum 3 coat application. 5-10% dilution with water is recommended to make the material brushable. Minimum 20-45 minutes coat on coat application gap to be maintained depending on weather. **Reinforcement of coated fibre is recommended in between two coats to enhance the tensile strength of the complete system.**

Mak Flexi Dry HB2 can be applied using special spray equipment. It can be sprayed at a rate of 2 Kg - 2.5 Kg / sqm. to achieve a dry film thickness of 1.5 -2mm. Coverage may vary depending on the profile and texture of the substrate it is being applied and in general application conditions.

### Coverage

Mak Flexi Dry HB2 should be done at a spread rate of 2.5- 2.8 Kg/sqm, depending upon the porosity of the surface, to get the desired thickness of approx. 2mm.

**Limitation:** Although Mak Flexi Dry HB2 is UV stable and can be used in exterior but is black in colour. It is always advisable to top coat the complete surface with Mak Elastocryl K-10 for better results. It is not a food grade product and one should refrain for using it in potable Water tanks.

## Technical Data

| Characteristics                            | Results   |
|--|---|
| Colour                                     | Dark Grey. When applied turns to Black                |
| Specific Gravity                           | 1.30 ± 0.05   |
| Service Temp. Range                        | Between -5 to +60 degree Centigrade                   |
| Touch Dry<br>At 28°C<br>At 35°C<br>At 42°C | 45 – 50 Minutes<br>30 – 40 Minutes<br>20 – 30 Minutes |
| Elongation                                 | 400 – 500 %   |
| Water Permeability                         | Nil   |
| Shelf Life                                 | 1 Year  |
| Dry Solid Content                          | 68% ±2  |
| Flexibility at low temperature [At 0°C]    | No Cracks [EN 15813]                                  |
| Dry Heat Resistant                         | Up to 105°C [Intermittent]                            |
| Ph [When packed]                           | 7.0 (± 0.5)   |
| Viscosity, cps (Brookfield)                | 100-400   |
| Hardness Shore A                           | 68 [ASTM D 2240]                                      |
| Dry Peel Adhesion, lbs/sq. in.             | 65 [ASTM C 297]                                       |
| Elongation                                 | 400 – 500 %   |
| Water Permeability                         | Nil   |

## Storage

Store under cover, in a cool place away from direct sunlight. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

## Packing

Mak Flexi Dry HB2 is available in 25 Kg Pails.

## Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

### M.K. PETRO PRODUCTS INDIA PVT. LTD

[ AN ISO 9001 Certified Company ]

Village Mujeri Road, Ballabhgarh, Faridabad

Ph: +91-9560096816

Toll-free: 1800-103-9664

Website: [www.makphalt.com](http://www.makphalt.com)

Email: [info@makphalt.com](mailto:info@makphalt.com)

