

## vebrodeck UR Flex Membrane RC

**vebrodeck UR Flex Membrane RC** is a highly elastic, solvent free, ready to use elastomeric coating based on 2-component polyurethane. **vebrodeck UR Flex Membrane RC** is plasticiser free and has high elasticity as well as high harness. The product consists of renewable raw materials and is therefore sustainable, as well as being environmentally friendly.

**vebrodeck UR Flex Membrane RC** is used predominantly as a waterproofing layer with areas of high degrees of trafficking or stress related movement offering additional, flexible crack bridging membrane properties.

### Substrate Preparation

Product is applied to the pre-primed (**vebro** EP Universal Primer or **vebro** EP Primer RC) and mechanically prepared substrate. The primed surface must be free of debris such as dust, oil, grease, etc. **vebrodeck UR Flex Membrane RC** should be installed within the overcoating window of the cured primer up to 18 hours at 20°C (maximum).

### Application Instructions

The product is supplied in stoichiometric controlled factory filled quantities in two component containers. The A Component should be stirred for approximately 1 minute. Then the B Component is completely emptied into the A Component. Both components must be mixed homogeneously with a suitable electric stirrer (slow speed drill and paddle) for 2 – 3 minutes. Avoid entraining air into the mixed product when mixing by ensuring that the head of the mixer is fully submerged into the combined components.

The mixed material should then be transferred into a clean separate mixing container of suitable size and briefly re-mixed for a period of not less than 1 minute. Note when used as a first coat water proofing membrane no dry quartz or silica sand should be added into the mixed material.

The mixed **vebrodeck UR Flex Membrane RC** is poured directly onto the suitably primed substrate in portions and applied with a toothed / serrated steel trowel across the entire area to the appropriate thickness. To achieve a uniform thickness the tooth strips within the toothed trowel must be checked and replaced regularly.

### Liquid Mixture

#### Consumption

2.80 kg/m<sup>2</sup>

#### Film Thickness

2.0 mm

#### Application Temperature

10–30°C

(min 3°C above dewpoint)

#### Packaging (Unit Sizes)

25.0 kg

(21.0 kg A + 4.0 kg B)

#### Colour

Grey

#### Shelf Life

12 months in original closed container.

#### Storage

Dry at 10 – 25°C, avoid direct sunlight.

#### Working Time

Approx. 20 minutes @ 20°C

#### Foot Traffic

After 8 hours

#### Overcoating Window

18–36 hours

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions.

## Overcoating

It is not necessary to abrade the surface of the cured **vebrodeck UR Flex Membrane RC** if the subsequent over coating is applied within 36 hours at 20°C. For application after 36 hours please contact Vebro Polymers Technical Department.

## Cleaning & Maintenance

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care programme is recommended.

## Further Information

**Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times.**

All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team.

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