

vebrodeck UR Topcoat RC

vebrodeck UR Topcoat RC is a solvent free, low emission, weather-resistant and UV colour stable, 2-component coating based on aliphatic polyurea technology. When fully cured, **vebrodeck UR Topcoat RC** has excellent abrasion resistance, alongside chemical resistance to a wide range of diluted acids and alkalis, as well as lubricants and fuel types such as diesel and petroleum spirit.

vebrodeck UR Topcoat RC is used as a weather and UV colour stable, pigmented wear coating. The product can be used for both indoor and outdoor applications but is specifically offered as a wearing topcoat for the **vebrodeck Vitesse** car parking system.

Substrate Preparation

On Concrete & Cementitious Screed Substrates

vebrodeck UR Topcoat RC is applied to the pre-primed (**vebro EP Universal Primer** or **vebro EP Primer RC**) and mechanically prepared (shot blasted or diamond ground substrate). The primed surface must be free of debris such as dust, oil, grease, etc.

On vebrodeck UR Flex Membrane RC

vebrodeck UR Topcoat RC should be installed within the overcoating window of the cured **vebrodeck UR Flex Membrane RC**; up to 36 hours at 20°C (maximum). Beyond this application window the surface must be mechanically prepared with a STR rotary sander fitted with a black pad, keeping the surface wet with clean water. Wash to remove any residue and allow to dry fully.

Application Instructions

vebrodeck UR Topcoat RC is supplied in factory filled co-ordinated stoichiometric quantities as a 2-component product (A component + B component).

Liquid Mixture

Consumption

1.8 – 2.0 kg/m²

Film Thickness

1.5 – 1.8 mm

Application Temperature

5 – 30°C

(min 3°C above dew point)

Packaging (Unit Sizes)

25.0 kg

(18.8 kg A Component

+ 2.2 kg B Component)

Colour

Refer to Vebro Polymers' Colour Chart

Shelf Life

12 months in original closed containers (at 20°C)

Storage

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

Working Time

Approx. 20 minutes @ 20°C

Foot Traffic

8 hours depending upon film thickness (at 20°C)

Overcoating Window

8 – 18 hours (at 20°C)

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.

The B component must be completely emptied and suitably drained into the A component. Both components should be mixed homogeneously with a suitable electric drill and paddle / spinner for at least 3 minutes. Avoid air entrainment into the mix by ensuring that the paddle / spinner is kept fully immersed during the mixing process. We recommend sequential batch number site mixing to avoid differences in colour variation.

Please note: when mixing a large quantity of material on site, it is recommended that the last containers of the first batch must be mixed with the first containers of the next batch.

vebrodeck UR Topcoat RC is spread evenly over the surface with a trowel. The application working time at 20°C and 50% relative air humidity is 10 minutes, so it is important to apply the product without delay. Higher temperatures and higher relative air humidity will shorten the application working time further. It is recommended re-rolling the product to repair imperfections or blemishes.

vebrodeck UR Topcoat RC has a low tendency for dirt pick up and is therefore easy to clean using a proprietary neutral cleaning detergent as per the janitorial manufacturer's recommendations.

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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Vebro Polymers' systems and products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. For more information, please refer to individual product data sheets or contact our Technical Services team.

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