vebro polymers

vebro EP Primer RC (2-Pack)

vebro EP Primer RC is a transparent, fast-cure 3 – 4 hours, solvent-free, epoxy primer.

vebro EP Primer RC acts as a priming coat prior to the installation of epoxy and polyurethane resin flooring systems in order to ensure maximum adhesion.

vebro EP Primer RC can be applied onto cementitious and other hydraulic substrates as well as suitable polymer modified screeds. Two coats are recommended if the substrate is particulalry porous.

Component	Weight	
vebro EP Primer RC (Part A)	10.0 kg	6.6 kg
vebro EP Primer RC (Part B)	5.0 kg	3.4 kg
Total Unit:	**15.0 kg**	**10.0 kg**

Density

Mixed Unit: 1.11 kg / ltr
Part A: 1.12 kg / ltr
Part B: 1.05 kg / ltr

Unit Weight

15.0 kg (13.5 ltr)
10.0 kg (9.0 ltr)

Mix Ratio

A:B = 2:1

Coverage

~50 sqm / 15.0 kg unit at the lowest recommended consumption based on one coat.

HS Code

(Part A) 3907300080
(Part B) 2921290090

Consumption

The recommended consumption of **vebro** EP Primer RC is 0.30 – 0.50 kg/m^2 per coat*.

Working Time

~15 – 20 minutes @ 20°C (usable working life of material following mixing and immediate spreading as per the application instructions).

Overcoating Time

~3 – 4 hours @ 20°C (some mechanical preparation may be required if outside of this window).

Speed of Cure

- Light Foot Traffic – 18 hours
- Light Wheeled Traffic – 24 hours
- Heavy Duty Traffic – 72 hours
- Full Chemical Cure – 7 days

Storage

All components should be stored off the ground, in a cool dry area, away from direct sunlight between 10 – 25°.

Shelf Life

12 months when stored as described.

*These coverages are theoretical and may vary due to a number of factors including the condition of the substrate. It is the applicator's responsibility to ensure the substrate has been surveyed and tested. A recommended 5% wastage addition is advised on all orders.

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Substrate Requirements

vebro EP Primer RC is suitable for application on cementitious substrates and suitable polymer modified screeds.

All substrates should be capable of bearing loads, free of cracks and voids as well as free from water ponding as well as laitance, dust and other contamination including dirt, oil, grease, coatings, and surface treatments.

The substrate should be sound with a minimum compressive strength of 25 N/mm^2 and a minimum tensile strength (pull-off) of 1.5 N/mm^2. The concrete substrate must be a minimum of 28 days old and the residual moisture content must be a maximum of 4% CM.

Where the concrete substrate is in contact with the ground, an effective damp proof membrane should have been incorporated into the slab design.

Substrate Preparation

Concrete or suitable polymer modified screed substrates should be mechanically prepared using captive vacuum enclosed shot blasting or diamond grinding, to remove surface cement based laitance and previous surface treatments leaving an open textured mechanically prepared surface.

Weak concrete / polymer modified screed must be removed and repaired using recommended Vebro Polymers' products. Imperfections in the concrete (holes and cracks) should be filled using **vebro** EP Mortar.

Application Instructions

Mixing

The contents of the **vebro** EP Primer RC (Part B) should be drained into the **vebro** EP Primer RC (Part A) component and the two materials thoroughly mixed at a speed of 350 rpm for two minutes.

The mixed liquid should then be poured into a clean suitably sized separate mixing container and mixed for a further minute.

Application

Spread the mixed **vebro** EP Primer RC across the substrate with a squeegee and back-roll with a short-pile roller.

Overcoating

Overcoating should be carried out within 24 hours of application. If longer than 24 hours it will be necessary to lightly grind the surface by mechanical means before overcoating is carried out.

Manufactured by:	**Vebro Polymers UK Limited,** *Argyle House, Stanley Green Trading Estate, Epsom Avenue, Handforth, Wilmslow, Cheshire, SK9 3RN, United Kingdom*		
Harmonised Standard	EN 13813:2002 (System 4) Reaction to Fire Behaviour (System 3)		
Intended Use:	Synthetic resin screed materials for use internally in buildings and intended for wearing surfaces.		
Reaction to Fire	B_{fl}-s1	***Release of Corrosive Substances***	SR
Wear Resistance	N/A	***Bond Strength***	B2.0

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 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.

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.

Vebro Polymers accepts no responsibility for liability claims based on the suggested practises and data values listed on product data sheets. Product data sheets are regularly updated and it is the user's responsibility to ensure they obtain the most recent version. The most recent versions can be found at www.vebropolymers.com

for chemistry you can count on…

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