

vebroflex PU UV WB Seal (Clear Matt) (2-Pack)

vebroflex PU UV WB Seal (Clear Matt) is a 2-component, AgBB low emissions certified, clear aliphatic and water-based sealer.

vebroflex PU UV WB Seal (Clear Matt) is used to seal **vebroflex Comfort** systems. These systems can be installed in commercial facilities such as schools, hospitals, residential homes and offices.

vebroflex PU UV WB Seal (Clear Matt) offers excellent UV and scratch resistance. The product demonstrates excellent chemical resistance against diluted acids and alkalis and many disinfectants.

It is recommended as an additional safeguard to protect **vebroflex Comfort** systems, particularly decorative systems.



Component	Weight
vebroflex PU UV WB Seal (Clear Matt) (Part A)	10.0 kg
vebroflex PU UV WB Seal (Clear Matt) (Part B)	1.0 kg
Total Unit:	11.0 kg

Density

Mixed Unit: 1.08 kg / ltr

Unit Weight

11.0 kg (10.2 ltr)

Mix Ratio

A:B = 10:1

Coverage

~85.0 – 100.0 sqm / unit.

HS Code

(Part A) 3907292090

(Part B) 39095090

Consumption

The recommended consumption of **vebroflex PU UV WB Seal (Clear Matt)** is from 0.12 – 0.14 kg/m² per coat.

Working Time

~**45 minutes** @ 20°C (usable working life of material following mixing and immediate spreading as per the application instructions).

Overcoating Time

~**24 hours** @ 20°C (some mechanical preparation may be required if outside of this window).

For improved cleanability, the product can be sealed the following day with a clear polymer dispersion. However, this will result in a higher gloss finish.

Speed of Cure

- Light Foot Traffic – 10 hours
- Light Wheeled Traffic – 24 hours
- Heavy Duty Traffic – 4 days
- Full Chemical Cure – 7 days

Storage & Shelf Life

All components should be stored off the ground, in a cool dry area, away from direct sunlight between 5 – 35°. Shelf life is 12 months when stored as described.

*These coverages are theoretical and may vary. 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.

vebroflex PU UV WB Seal (Clear Matt) (2-Pack)



Application Temperature Range

~10 – 30°C is recommended. Outside of this range, heating or cooling equipment should be used to achieve ambient conditions. The substrate, before priming, should be at least 3°C above the dew point to reduce the risk of condensation or blooming. This should be maintained for 48 hours after application. Do not proceed with application if atmospheric relative humidity is, or is anticipated to be >75% or if the surface temperature is <3 °C above the dew point.

Substrate Requirements

vebroflex PU UV WB Seal (Clear Matt) is suitable for application on existing epoxy or polyurethane inter-coat layers.

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

vebroflex PU UV WB Seal (Clear Matt) should be applied within a 12 – 24 hour overcoating window otherwise a light grind of the surface may be required.

Application Instructions

Mixing

The contents of the vebroflex PU UV WB Seal (Clear Matt) (Part A) should be mixed for approximately 2 – 3 minutes.

The contents of the vebroflex PU UV WB Seal (Clear Matt) (Part B) should be drained into the vebroflex PU UV WB Seal (Clear Matt) (Part A) component and the two materials thoroughly mixed at a speed of 350 rpm for a further 2 – 3 minutes.

Allow the mixed material to stand for approximately 3 – 5 minutes to pre-react. Before transferring it to another container for processing, pour it through a sieve—either a paint filter sieve with a mesh size of 0.6 to 1 mm, or a household sieve lined with fly screen or similar fabric with a mesh size under 1 mm. After transferring, briefly mix the material again. Avoid incorporating air during this process.

Application

vebroflex PU UV WB Seal (Clear Matt) should be poured onto the surface and spread over the entire area using a squeegee and back rolled with a short-pile roller in another direction. A two coat application is recommended. Avoid the formation of puddles during application.

As with all water-based sealers, it is essential to maintain a wet-on-wet application technique to prevent dry edges. Fresh material should always be rolled into the still-wet sealer to avoid visible roller marks in the final finish. The time between overlapping applications should not exceed 2 – 5 minutes.

At room temperature, the open time for applying fresh material into wet sealer without leaving marks is approximately 3 – 5 minutes. During application and curing, the relative humidity should remain below 75% to allow for proper water evaporation.

Ensure that the edges between successive pours do not dry out, as dried seams will be visible in the finished surface.



Manufactured by:	Vebro Polymers UK Limited, <i>Argyle House, Stanley Green Trading Estate, Epsom Avenue, Handforth, Wilmslow, Cheshire, SK9 3RN, United Kingdom</i>		
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	AR0,5	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.vebro polymers.com

for chemistry you can count on...

Argyle House, Stanley Green Trading Estate, Epsom Avenue, Handforth, Wilmslow, Cheshire, SK9 3RN, United Kingdom

w: vebro polymers.com | e: hello@vebro polymers.com | t: +44 (0) 1618 738 396