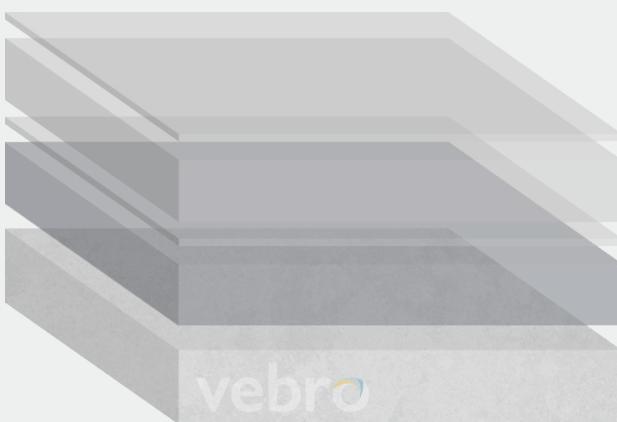


# vebroflex PU Liquid Membrane (2-Pack)

**vebroflex PU Liquid Membrane** is a flexible, 2-component, solvent-free, pigmented polyurethane membrane.

**vebroflex PU Liquid Membrane** is used beneath **vebroflex Comfort** systems where it assists in reducing impact sound transfer between floors in multi-use, multi-occupancy spaces.

**vebroflex PU Liquid membrane** offers the additional benefits of static crack-bridging properties. The material enhances the overall elasticity of the flooring build-up, making it more comfortable underfoot — ideal for gyms, indoor sports halls, or multi-purpose rooms.



Component	Weight
vebroflex PU Liquid Membrane (Part A)	20.0 kg
vebroflex PU Liquid Membrane (Part B)	4.0 kg
<b>Total Unit:</b>	<b>24.0 kg</b>

## Density

Mixed Unit: 1.00 kg / ltr

## Unit Weight

24.0 kg (24.0 ltr)

## Mix Ratio

A:B = 4:1

## Coverage

Dependent on specification.

## HS Code

(Part A) 3907292090

(Part B) 39095090

## Consumption

The recommended consumption of **vebroflex PU Liquid Membrane** is 1.00 kg/m<sup>2</sup> per mm thickness.

## Working Time

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

## Overcoating Time

**~48 hours** @ 20°C (some mechanical preparation may be required if outside of this window).

## 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.

## 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.

## Application Instructions

### Mixing

The contents of the **vebroflex PU Liquid Membrane** (Part A) should be mixed for approximately 2 – 3 minutes.

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

Avoid incorporating air during this process.

### Application

**vebroflex PU Liquid Membrane** should be poured onto the surface and spread over the entire area serrated spatula (tooth size no.22 or 25) or a notched rake for larger areas.

The liquid coating must be rolled with a spiked roller to eliminate trapped air. Ensure applicators wear spiked shoes to safely walk on the wet surface during application.

### Overcoating

Overcoating of **vebroflex PU Liquid Membrane** should be carried out within 24 – 48 hours of application. If longer than 48 hours it will be necessary to lightly grind the surface by mechanical means before overcoating is carried out.



Manufactured by:	<b>Vebro Polymers UK Limited,</b> 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	Bfl-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.

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**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](http://www.vebropolymers.com)**

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