

# Vuba-Screed Epilevel



## Application



### Product Description

Vuba-Screed Epilevel is a medium to heavy duty epoxy resin floor finish providing a smooth, easily cleaned surface. The smooth finish is obtained by finishing and smoothing the surface with a specially designed Vuba spiked roller. The incorporation of abrasion resistant fillers in the epoxy resin produces a floor finish with the highest order of wear resistance. Vuba-Screed Epilevel can be applied at thicknesses from 2mm – 3mm.

### Composition

3 pack solvent free epoxy resin and graded quartz aggregates.

### Appearance

Smooth gloss coloured finish. With use the gloss finish will scratch or matt down. If a gloss finish is to be maintained then polishes can be used. Check with technical department as to the types of suitable polish.

### Durability

Vuba-Screed Epilevel exhibits the highest order of abrasion resistance. Subject to UV degradation of colour relevant to propensity of UV and colour of product.

### Thickness

2-4mm

### Typical Installations

Vuba-Screed Epilevel is ideal for areas subject to heavy wear but requiring a smooth easily cleanable surface such as storage areas, dry processing, engineering, laboratories etc. Not suitable for domestic locations.

### Substrates

Vuba-Screed Epilevel adheres well to concrete and grano.

### Surface Preparation

Please refer to the our Preparation Data Sheet and ensure all guidelines are followed.

### Application Conditions

Vuba-Screed Epilevel is a free flowing liquid which increases in viscosity as the temperature lowers. To ensure optimum surface finish an ambient temperature in excess of 10°C but not higher than 30°C should be provided. Ideal application temperatures 20°C.

### Priming

Vuba-Prime Seal. Allow to cure prior to application of Vuba-Screed Epilevel. Coverage rate dependant on substrate, porosity and texture.

### Mixing

The use of a rotary drum mixer is essential to produce a smooth even finish. Mix the resin and hardener units together thoroughly for at least 60 seconds until even coloured. Then add the Vuba-Screed Epilevel aggregate slowly whilst mixing at the same time. Allow to mix for further 3 minutes.

### Application Technique

Spread the mixed Vuba-Screed Epilevel to required thickness using a trowel and level using a Vuba spiked roller. Depending on the temperature it may be necessary to use the spiked roller after 15-30 minutes to ensure that all the air has been released.

### Coverage Rates

Nominal thickness	2mm	2.5mm	3mm	4mm
Coverage kg/m <sup>2</sup>	3.6	4.5	5.4	7.2

### Maintenance

Providing contamination is not allowed to build up, regular scrubbing and mopping will

maintain Vuba-Screed Epilevel floors satisfactorily. Vuba-Screed Epilevel floors may be polished back to the original gloss in exactly the same way as vinyl or lino.

### Cure Schedule

Pot Life (full unit) at 20° C	30 minutes
Initial Set at 20° C	8-10 hours
Foot Traffic at 20° C	24 hours
Heavy Traffic at 20° C	3-4 days
Full Chemical Resistance	7-10 days

### Technical Data

Compressive Strength N/mm <sup>2</sup>	61
Flexural Strength N/mm <sup>2</sup>	18
Slant Shear Bond Strength N/mm <sup>2</sup>	29
Density	1.80
Elastic Modulus kN/mm <sup>2</sup>	3
Flame Spread (BS476 Part 7)	Class 2
Thermal Cycle 14 Days	
40° C at 100° C @ 24 hour cycle	
Showed no debonding or stress	
Ease of decontamination to BS4247:Part 1	
Test A "Excellent"	

### Storage, Mixing & Application

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet.

### Technical Advice

For further information on this or any other Vuba product, please contact our Product Purchases Department on 01482 778897.

### Health and Safety

Please read the relevant technical data sheet and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.