

Vuba-Screed Verticrete



Product



Application

Product Description

Vuba-Screed Verticrete is a lightweight trowel applied cove / wall render based upon a liquid polyurethane resin system. Vuba-Screed Verticrete has been specifically designed for use with Vuba-Screed Ultra to create a chemically resistant and hard wearing floor to wall seal.

Composition

Water dispersed polyurethane resin system combined with a graded silica aggregate.

Appearance

A finely textured smooth aggregate surface of uniform colour.

Durability

Highest order of durability, resistance to impact and abrasion and chemical attack. Also, Vuba-Screed Verticrete is stable to steam cleaning.

Thickness

2mm to 25mm. For greater thicknesses you may need to build up the layers priming in between if slumping becomes a problem.

Typical Installations

Vuba-Screed Verticrete is used to form a chemically resistant coving, fillets, drainage lining and wall finish. Vuba-Screed Verticrete is used in conjunction with Ultra floor screed to provide a seamless, hygienic and water resistant wall / floor sealant. For improved cleanability and resistance to steam cleaning we recommend a coating of Vuba-Coat Sealcrete to seal (see data sheet for more information).

Substrates

Concrete, polymer reinforced screeds and grano concrete.

Surface Preparation

The surface should be solid and free from contamination prior to application. To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Please see our 'Vuba-Coat Preparation Guide' for more information.

Application Conditions

Verticrete is a resin based mortar and although it will apply and cure above 5°C, an ambient in excess of 10°C is required to ensure an attractive, smooth finish. Low temperatures make the mortar harder to work and finish.

Priming

All surfaces should be primed first with Epibond; an epoxy bonding tack coat. Apply the mixed Epibond to the vertical surface and apply on to whilst still tacky. Should you be creating multiple layers of coving then you should apply Epibond between each layer.

Mixing

Agitate the Resin A prior to mixing to ensure an even colour distribution. Thoroughly scrape the contents of Resin A and Activator B containers into the larger mixing tub. Mix using a drill and paddle for 1 minute until a homogenous mix is achieved. Add the Aggregate C component in stages whilst mixing with the mixed resin until a lump free mortar is achieved. Before you start: 1) Make sure the area is ready for application, 2) Ensure your mixing equipment is sufficiently strong for such a large mix, 3) Have cleaning solvent standing by to clean your trowel with and 4) Check the bottom of the container for unmixed aggregate.

Application Technique

Apply to pre-primed surfaces using a coving trowel into stainless steel trim. Finish by wiping away trowel marks using a solvent wetted brush.

Coverage Rates

2kg per 1mm per m². For example, 1 unit will cover 7m at 100mm height and 5mm thickness with a 35mm radius cove.

Specification Detail

Prepare existing substrate in accordance with Vuba Preparation Guide. Prime using Epibond tack coat. Mix and apply Vuba-Screed Verticrete at the required thickness in accordance with our instructions.

Maintenance

Vuba-Screed surfaces can be easily cleaned using Supaclean heavy duty alkaline cleaner. Provided contamination is not allowed to build up, regular scrubbing or mopping with normal proprietary cleaning agents will maintain this system in serviceable condition. Damaged areas of this system should be patch-repaired/ replaced in order to ensure longevity of the work area is maintained.

Cure Schedule (Assumed 20°C)

Pot life of full unit	20 mins
Light traffic	12 hrs
Full cure	16 hrs

For lower temperatures the times will be extended, and equally shortened for higher temperatures.

Chemical Resistance

Excellent resistances to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic hydrocarbon solvents and ester solvents. Limited resistances to ketones and alcohols.

Colours

Available in the full range of Vuba-Screed colours. See colour chart for more information.

Technical Data

Compressive strength to BS6319 Part 2	50.0N/mm ²
Tensile strength to BS2782:320D	5.0N/mm ²
Flexural strength to A.S.T.M. D790-84a	30.0N/mm ²
Impact 1kg load/tup nose type	22cm
Surface spread of flame to BS 476:Part 7	Class 2

Technical Advice

For further information on this or any other Vuba Supplies product, please contact our product purchases on 01482 778897.

Health and Safety

Please read Vuba-Screed Verticrete Resin A and Vuba-Screed Verticrete Activator B Material Safety Data Sheets provided in compliance with the requirements of EC Directive 91/155.