

vebroscreeed Renovate

3.0 – 75.0 mm

vebroscreeed Renovate is a single part, fibre reinforced, cementitious smoothing underlayment screed, incorporating a blend of graded fillers, fine cements and polymers, with excellent flow properties.

vebroscreeed Renovate is designed to refurbish existing surfaces to depths between 3.0 – 75.0 mm and is suitable for use on both commercial and residential applications.

vebroscreeed Renovate can receive floor coverings in as little as 8 hours.

Features

- ✓ 20 – 30 minutes working time
- ✓ Foot traffic in as little as 3 hours
- ✓ Ready to overcoat in as little as 8 hours
- ✓ Pump or trowel applied
- ✓ Contains recycled materials
- ✓ Fibre reinforced with flexible properties
- ✓ Suitable for underfloor heating systems
- ✓ Can be used on a wide variety of substrates
- ✓ Protein-free

Applications

- ✓ Residential Properties
- ✓ Sport & Leisure Facilities
- ✓ Healthcare Facilities
- ✓ Schools, Colleges & Universities
- ✓ Commercial Office Buildings
- ✓ Civic Buildings & Correctional Facilities
- ✓ Mixed Use, Multi-Occupancy Spaces

how much vebroscreeed Renovate do I need?

Screed Depth	Consumption	Pack Size	Area / Pack	Packs / 100 m ²
3.0 mm	5.01 kg/m ²	25.0 kg	4.99 m ²	20
5.0 mm	8.35 kg/m ²		2.99 m ²	33
10.0 mm	16.70 kg/m ²		1.50 m ²	67
15.0 mm	25.05 kg/m ²		1.00 m ²	100
20.0 mm	33.40 kg/m ²		0.75 m ²	134
25.0 mm	41.75 kg/m ²		0.60 m ²	167
50.0 mm	83.50 kg/m ²		0.30 m ²	334
75.0 mm	125.25 kg/m ²		0.20 m ²	501

Technical Profile

Performance Criteria		
BS EN 13813	CT-35-F6	
Compressive Strength	BS EN 13892-2	28 days: 35 N/mm ²
Flexural Strength	BS EN 13892-2	28 days: 6 N/mm ²
Flow Properties (for pump application)	200 ml flow tube (48 mm diameter, 106 mm height)	225 – 235 mm
Hand Mixing	Water addition 4.25 ltrs cold water per 25.0 kg bag of vebroscreeed Renovate	
Speed of Cure (at 20°C)	Working Time – 20 – 30 minutes	Floor Covering Overlay – 3.0 – 5.0 mm: 8 hours 5.0 – 15.0 mm: 24 hours 15.0 – 30.0 mm: 48 hours 30.0 – 50.0 mm: 72 hours > 50.0 mm: 7 days
	Foot Traffic Ready – 3 hours	

All curing and drying times are based on applications in good ambient conditions of 20°C, 65% air humidity and good ventilation. cold, humid or damp sites, or those with poor airflow, will prolong curing and drying times, adequate allowances should be made in these scenarios.

vebroscreeed Renovate has been designed for use over a wide variety of subfloors including: strong, stable and prepared flooring substrates such as concrete, sand & cement, cementitious tile backer boards, abraded ceramic and terrazzo tiles, calcium sulphate/anhydrite/hemihydrate screeds, existing cementitious underlayments, damp proof membranes and surface electrical radiant heating systems.

vebroscreeed Renovate is also suitable for timber floors that are firmly bonded, with no movement, such as plywood and chipboard panels.

vebroscreeed Renovate is a protein free formulation so can be used in biologically sensitive areas and can be applied to most cementitious subfloors including those incorporating fully commissioned warm water underfloor heating systems., however the depth of the product should be considered to maintain heating efficiency.

vebroscreeed Renovate should be applied at a minimum application thickness of 3.0 mm and can be applied up to maximum 75.0 mm.

Joints within the subfloor that are designed for movement **MUST** be followed through to the surface of the flooring system. It is recommended that subfloor joints should be marked out prior to applying **vebroscreeed** Top and re-established by disc cutting after 24 – 48 hours. It is also recommended that a movement joint be incorporated at all perimeters and at door thresholds to ensure building movement does not result in the **vebroscreeed** Top cracking.

Ideal ambient air and floor temperatures for application are between 10°C and 22°C. These temperatures should be maintained throughout application and curing periods.

Outside of these temperatures consideration should be given to the manufacturers guidelines for good practice. Floor temperatures will be slower to respond to ambient air temperature so this should be considered in advance.

vebroscreeed Renovate is not intended to be a wearing surface and must be protected, by suitable sheet materials once cured, in areas where it may be subjected to intensive or heavy use before the final floor finishes are applied. The responsibility for this protection should be that of the main contractor.

Damage to the surface of unprotected screeds may result in the requirement for remedial repairs and an additional layer applied.

Installation of Vebro Polymers' products should be carried out by an applicator with documented quality assurance and experience.

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. For more information, please refer to individual product data sheets or contact our Technical Services team – technical@vebropolymers.com

All data values and suggested practises listed on system data sheets are approximate and for representation purposes only. In all instances, prior to installation a project-specific specification and / or professional advice should be sought.

Vebro Polymers accepts no responsibility for liability claims based on the suggested practises and data values listed on system data sheets. System 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

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