

## vebroscreeed Top

5.0 – 50.0 mm

**vebroscreeed Top** is a fine flow, high-strength, single-part, cementitious wearing screed, incorporating a blend of graded fillers, fine cements and polymers.

**vebroscreeed Top** is designed for use as a wearing surface (at a minimum of 5.0 mm) in both industrial and commercial facilities.

Additionally, **vebroscreeed Top** can be used as an underlayment for most floor coverings including sheet vinyl, LVT, linoleum and rubber (at a minimum of 2.0 mm to 30.0 mm).

Its early strength development formulation also makes it ideal for over-coating with resin flooring systems as well as clear abrasion and chemical resistant sealers.

**vebroscreeed Top** is suited to large-scale projects where it can be pump-applied to speed up install times.

### Features

- ✓ 20 – 30 minutes working time
- ✓ Foot traffic in 2 – 3 hours
- ✓ Forklift traffic in 36 – 48 hours
- ✓ Ready to overcoat in 12 hours
- ✓ Pump or trowel applied
- ✓ Can be used as a wearing surface (minimum 5.0 mm)
- ✓ Suitable to receive a resin floor coating system
- ✓ Suitable for underfloor heating systems
- ✓ Protein-free
- ✓ Moisture tolerant
- ✓ Extremely smooth finish
- ✓ Superior flow

### Applications

- ✓ Warehouse & Distribution Centres
- ✓ Sport & Leisure Facilities
- ✓ Healthcare Facilities
- ✓ Schools, Colleges & Universities
- ✓ Retail Outlets & Supermarkets
- ✓ Civic Buildings & Correctional Facilities

how much **vebroscreeed Top** do I need?

Screed Depth	Consumption	Pack Size	Area / Pack	Packs / 100 m <sup>2</sup>
5.0 mm	8.30 kg/m <sup>2</sup>	25.0 kg	3.01 m <sup>2</sup>	33
10.0 mm	16.60 kg/m <sup>2</sup>		1.51 m <sup>2</sup>	66
15.0 mm	24.90 kg/m <sup>2</sup>		1.00 m <sup>2</sup>	100
20.0 mm	33.20 kg/m <sup>2</sup>		0.75 m <sup>2</sup>	133
25.0 mm	41.50 kg/m <sup>2</sup>		0.60 m <sup>2</sup>	166
30.0 mm	49.80 kg/m <sup>2</sup>		0.50 m <sup>2</sup>	199
40.0 mm	66.40 kg/m <sup>2</sup>		0.38 m <sup>2</sup>	266
50.0 mm	83.00 kg/m <sup>2</sup>		0.30 m <sup>2</sup>	332

## Technical Profile

Performance Criteria		
<b>BS EN 13813</b>	CT-C35-F6	
<b>Compressive Strength</b>	BS EN 13892-2	1 day: 27 N/mm <sup>2</sup> 7 days: 32 N/mm <sup>2</sup> 28 days: 37 N/mm <sup>2</sup>
<b>Flexural Strength</b>	BS EN 13892-2	1 day: 3.5 N/mm <sup>2</sup> 7 days: 4 N/mm <sup>2</sup> 28 days: 6 N/mm <sup>2</sup>
<b>Flow Properties</b> (for pump application)	200 ml flow tube (48 mm diameter, 106 mm height)	245 – 255 mm
<b>Hand Mixing</b>	Water addition 4.25 ltrs cold water per 25.0 kg bag of <b>vebroscreeed Top</b>	
<b>Speed of Cure</b> (at 20°C)	Working Time – 20 – 30 minutes Foot Traffic Ready – 2 – 3 hours	Resin Coating Overlay – 12 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 Top** is a protein free formulation and 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. **vebroscreeed Top** can also be used over fully cured and dry calcium sulphate screeds.

**vebroscreeed Top** should be applied at a minimum application thickness of 2.0 mm (smoothing underlayment) or 5.0 mm (wearing surface) and can be applied up to a maximum of 50.0 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 Top** is a wearing surface, however it must still be protected, by suitable sheet materials once cured, in areas where it may be subjected to intensive or heavy use prior to hand over or prior to any finishes being applied if it has been installed as an underlayment. 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](mailto: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](http://www.vebropolymers.com)

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