

vebroscreeed Industrial

5.0 – 50.0 mm

vebroscreeed Industrial is a deep-fill, rapid-setting and hardening, high strength, single-part, cementitious smoothing underlayment screed that can be applied up to depths of 50.0 mm prior to the installation of thick floor coverings or resin finishes.

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

vebroscreeed Industrial can also be used in conjunction with vebroscreeed Top to deliver a wearing surface in high traffic facilities.

Features

- ✓ 30 – 40 minutes working time
- ✓ Foot traffic in 2 – 3 hours
- ✓ Pump or trowel applied
- ✓ Suitable to receive a resin floor coating system
- ✓ Suitable for underfloor heating systems
- ✓ Protein-free
- ✓ Can be used with vebroscreeed Top as a wearing surface
- ✓ Moisture tolerant

Applications

- ✓ Manufacturing Facilities
- ✓ Food & Beverage / Pharmaceutical Production
- ✓ Automotive Facilities
- ✓ Warehousing
- ✓ Correctional Facilities
- ✓ Mixed Use, Multi-Occupancy Spaces

how much vebroscreeed Industrial do I need?

Screed Depth	Consumption	Pack Size	Area / Pack	Packs / 100 m ²
5.0 mm	8.35 kg/m ²	25.0 kg	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
30.0 mm	50.10 kg/m ²		0.50 m ²	200
40.0 mm	66.80 kg/m ²		0.37 m ²	267
50.0 mm	83.50 kg/m ²		0.30 m ²	334

Technical Profile

Performance Criteria		
BS EN 13813	CT-C35-F6	
Compressive Strength	BS EN 13892-2	1 day: 27 N/mm ² 7 days: 32 N/mm ² 28 days: 37 N/mm ²
Flexural Strength	BS EN 13892-2	1 day: 3.5 N/mm ² 7 days: 4 N/mm ² 28 days: 6 N/mm ²
Hand Mixing	Water addition 5.0 ltrs cold water per 25.0 kg bag of vebroscreeed Industrial	
Flow Properties (for pump application)	200 ml flow tube (48 mm diameter, 106 mm height)	235 – 275 mm
Speed of Cure (at 20°C)	Working Time – 30 – 40 minutes	Resin Coating Overlay – 5.0 – 15.0 mm: 24 hours 15.0 – 30.0 mm: 48 hours 30.0 – 50.0 mm: 72 hours
	Foot Traffic Ready – 2 – 3 hours	
	Forklift Traffic Ready – 36 – 48 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 Industrial 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 Industrial** can also be used over fully cured and dry calcium sulphate screeds.

vebroscreeed Industrial should be applied at a minimum application thickness of 5.0 mm 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 Industrial** 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 Industrial** cracking.

vebroscreeed Industrial should not be applied on projects unless it can be guaranteed that the subfloor and air temperatures do not drop below 6°C during application and throughout curing (nominally 7 days minimum).

The use of radiant heaters is recommended to attain ideal application temperatures. Do not use fuel burning space heaters. Light ventilation is recommended, particularly in enclosed areas. Avoid strong draughts as this can cause localised rapid drying and may result in surface crazing.

vebroscreeed Industrial is not intended to be wearing surfaces 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 a smoothing compound. A smoothing compound is also recommended prior to the installation of thin floor coverings or finishes.

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@vebro polymers.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.vebro polymers.com

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