

# vebroscreeed: level with us

self-levelling pump screeds, rapid-drying screed additives, mortar repair systems, primers & sealers

**vebro**polymers



# vebroscreeed cementitious smoothing underlayments & additives

**vebroscreeed** is a range of cementitious smoothing underlayments & rapid-set screed additives that have been designed to prepare the sub-floor prior to the installation of floor coverings and finishes including laminate, tiles, vinyl, carpet, wood and polymer flooring.

**vebroscreeed** can be installed on any concrete substrate to improve, repair or level out any undulations or imperfections in the substrate that may compromise the ability to install or the finished quality of the chosen floor covering.

**vebroscreeed** can be installed bonded, unbonded or floated as well as with or without underfloor heating pipework.

## what does it all mean?

Throughout this overview, you will see a number of icons relating to the installation and performance features of each product in the **vebroscreeed** range. Here's what they all mean...



Application  
thickness



Working  
time



Time before  
light foot traffic



Time before  
forklift traffic



Time before  
overcoating  
(≤75% RH)



Unit sizes  
available

turn up the **heat!**

**vebroscreeed** products can be used as retaining screeds for water-based or electric underfloor heating systems.

Vebro Polymers is happy to supply all underfloor heating components and pipework as part of your project. For more information, contact your local Vebro Polymers team.

**vebro**polymers.com

# self-levelling pump screeds

## vebroscreeed Renovate

**vebroscreeed Renovate** is a fibre-reinforced, high strength, rapid curing self-levelling screed that can be overlaid in 8 hours.

- ✓ Pump or trowel applied and suitable for UFH
- ✓ Contains recycled materials
- ✓ Fibre reinforced with flexible properties
- ✓ Can be used on a wide variety of substrates
- ✓ Protein-free and moisture tolerant

best for renovation projects

3-75 mm



20-30 mins



3 hrs



8-72 hrs



25 kg



## vebroscreeed Industrial

**vebroscreeed Industrial** is a self-levelling screed used on surfaces prior to receiving thick floor coverings or resin finishes.

- ✓ Pump or trowel applied and suitable for UFH
- ✓ Suitable to receive a resin floor coating system
- ✓ Use with **vebroscreeed Top** as a wearing surface
- ✓ Protein-free and moisture tolerant

best for heavy duty

5-50 mm



30-40 mins



2-3 hrs



36-48 hrs



24-72 hrs



25 kg



## vebroscreeed Commercial

**vebroscreeed Commercial** is a rapid-hardening screed applied prior to the installation of commercial floor coverings.

- ✓ Pump or trowel applied and suitable for UFH
- ✓ Suitable to receive commercial floor coverings
- ✓ Protein-free and moisture tolerant

best for commercial applications

2-20 mm



20-30 mins



2-3 hrs



24-48 hrs



25 kg



## vebroscreeed Top

**vebroscreeed Top** is a 1-component, high-strength, self levelling wearing screed and smoothing underlayment.

- ✓ 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 and moisture tolerant
- ✓ Extremely smooth finish with superior flow

best for industrial facilities

5-50 mm



20-30 mins



2-3 hrs



36-48 hrs



12 hrs



25 kg





## vebroscreeed Super Top

vebroscreeed Super Top is a fine flow, high-strength, vibrant grey cementitious wearing screed, incorporating graded fillers, fine cements and polymers.

- ✓ 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



best for industrial facilities

5-50 mm

20-30 mins

2-3 hrs

36-48 hrs

12 hrs

25 kg

## bagged screed binder

### v-Cem

v-Cem is mixed with graded aggregates and water to produce a rapid drying, high strength, shrinkage-compensated screed.

- ✓ BS 8204-1 Surface Regularity
- ✓ Suitable to achieve Category A, B & C screeds
- ✓ Apply bonded, unbonded or floating
- ✓ Suitable for use with underfloor heating systems
- ✓ Suitable for internal and external use



best for commercial projects

10-55 mm

60 mins

12 hrs

24-96 hrs

20 kg

## exterior screeds

### vebroscreeed X

vebroscreeed X is a flow-applied resurfacing screed designed to produce a durable screed in external applications.

- ✓ Prime with vebroscreeed X Primer
- ✓ Self-smoothing finish
- ✓ Blend of cements, fillers, polymers and plasticisers



best for external applications

5-40 mm

30 mins

4-5 hrs

25 kg

## screed additives

### v-Screed Fast

v-Screed Fast is a fast-drying liquid additive designed to accelerate the cure of site batched screeds between 15.0 – 100.0 mm.

- ✓ Suitable to achieve Category A, B & C screeds
- ✓ BS 8204-1 Surface Regularity – SR2
- ✓ Apply bonded, unbonded and floating
- ✓ Suitable for underfloor heating systems
- ✓ Suitable to receive resin floor coating systems
- ✓ Suitable for use with screed pumps



best for reduced construction schedules

24 hrs

4 days at 50 mm  
6 days at 75 mm

20 ltr

### v-Screed Max

vebroscreeed Max is a liquid admixture for semi-dry screeds that provides rapid drying times, high early, compressive and flexural strengths.

- ✓ High early compressive and flexural strengths
- ✓ Category A, C40, F7 Screed
- ✓ Compressive strengths up to 60 N/mm<sup>2</sup>
- ✓ Suitable for use with UFH pipework
- ✓ Internal and external application
- ✓ Low odour, low VOC content
- ✓ Improved finishing for action of super plasticiser



best for screeds, concrete repair, levelling coats & bedding mortars

20 ltr

### vebroscreeed SBR

vebroscreeed SBR is a 1-component, modified styrene butadiene liquid additive and bonding agent for cement mortars.

- ✓ Concrete colour, variable texture
- ✓ Resistant to water, frost and chemicals
- ✓ Improves resistance to freeze / thaw cycling
- ✓ Improves wear resistance
- ✓ Increases compressive and flexural strength
- ✓ Reduces compressive modulus
- ✓ Reduces permeability or renders impermeable
- ✓ Aids early drying and reducing shrinkage



best for screeds, concrete repair, levelling coats & bedding mortars

25 ltr  
1,000 ltr

# looking for something else?

## vebroscreeed R&S

vebroscreeed R&S is a 2-component, re-strengthening and restoration system for failed sand / cement screeds.

- ✓ Can also be used for filling cavities and cracks
- ✓ Suitable for indoor or outdoor application
- ✓ Solvent free formulation
- ✓ Low viscosity for excellent penetration
- ✓ Consumption of 0.30 – 0.60 kg / m<sup>2</sup>



best for repairing existing screeds



## vebroscreeed Primer

vebroscreeed Primer is a water based, moisture tolerant polymer primer, sealer and bonding aid suitable for porous and non-porous substrates.

- ✓ Pigmented pink for coverage control
- ✓ 200.0 m<sup>2</sup> at 3:1 dilution
- ✓ Moisture tolerant
- ✓ Improves adhesion and reduces pinholing effect
- ✓ Can be used as a curing agent
- ✓ Can be used on a wide variety of substrates



best for improving adhesion



## vebroscreeed Seal

vebroscreeed Seal is a 1 or 2-component, lightfast, transparent, water based polyurethane screed sealer in a clear gloss, silk or matt finish.

- ✓ Hygienic, dust proof, UV stable finish
- ✓ Tough, durable coating
- ✓ Suitable for application on wall & floor surfaces
- ✓ 2-part option increases abrasion & chemical resistance



best for providing a dust proof seal



\*Per coat.

vebropolymers.com

# bonded, unbonded & floating screed applications

Proprietary fast drying semi-dry screeds are suitable to be installed in the following types of installation...

## bonded



- 1 vebroscreeed
- 2 Bonding primer
- 3 Prepared substrate

In bonded applications, the screed is laid onto a mechanically prepared and suitably primed substrate using a priming adhesive such as PVA (polyvinyl acetate), SBR (styrene butadiene rubber), epoxy resin, or as a slurry combination (using PVA or SBR suitably mixed with cement with the intention of maximising potential physical / chemical bond).

## unbonded

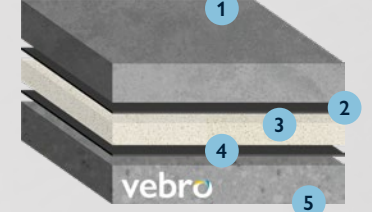


- 1 vebroscreeed
- 2 Separating membrane\*
- 3 Swept, debris-free substrate

In unbonded applications, the screed is intentionally separated from the substrate by the use of a membrane (usually a plastic sheet, building paper / house wrap, or a cavity drain).

\*500 gauge polythene sheet / building paper or 1200 gauge polythene sheet as DPM.

## floating



- 1 vebroscreeed
- 2 Sheet membrane\*
- 3 Insulation or void former
- 4 Sheet membrane\*\*
- 5 Swept, debris-free substrate

In floating applications, the screed is laid on thin sheet acoustic insulation, rigid thermal insulation or a void former with a separating membrane placed onto the rigid thermal insulation or void former.

\*500 gauge polythene.  
\*\*Optional, 1200 gauge DPM.

## how can we help?

If you need advice, specification support, or further information on vebroscreeed systems, please contact your local Vebro Polymers team.



# vebro polymers.com

**Please note:** the information in this guide is subject to change and the most recent technical data should be sought for accurate, up-to-date product or system information. Errors & omissions excepted. The applied colours may differ from the examples shown within this guide. Actual samples should always be viewed before making a final decision, especially if colour accuracy or matching is key to your decision.

© 2022, Vebro Group. All rights reserved.

vebroscreed Flooring Guide [Vebro Polymers] 21/07/22