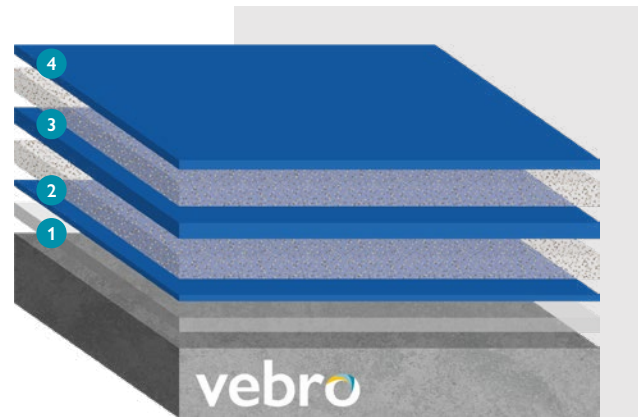


vebrores EP HBC Composite

2.0 mm

vebrores EP HBC Composite is a durable, solvent-free, high build epoxy composite floor coating system built in layers.

vebrores EP HBC Composite is best suited to floors in load-bearing applications including the automotive, aerospace, construction, oil and gas and marine industries.



1 Primer

vebro EP Primer
0.30 kg/m²

2 First Coat

vebro EP Universal
0.30 kg/m² followed by
vebro 30 Silica Sand
2.00 kg/m²

3 Body Coat

vebro EP Universal
0.30 kg/m² followed by
vebro 30 Silica Sand
2.00 kg/m²

4 Top Coat

vebro EP Universal
0.40 kg/m²

Benefits



Excellent resistance to cleaning solvents and other industrial chemicals



Solvent-free and low odour formulation



Slip resistance profile can be customised



Easily applied with a roller or rubber squeegee

Applications

- ✓ Heavy Duty, Load-Bearing Industrial Process Areas
- ✓ Warehouse & Distribution Centres
- ✓ Chemical Stores
- ✓ Plant Rooms & Storage Units
- ✓ Oil, Gas & Marine Facilities

Stocked Colours

Glorious Greys



RAL 7038 Agate Grey BS 00A09 Flint Grey RAL 7037 Dusty Grey



BS 00A05 Light Grey RAL 7004 Signal Grey RAL 7001 Silver Grey



RAL 7040 Window Grey RAL 7046 Telegrey 2 RAL 7024 Graphite Grey

Brilliant Brights



BS 00E55 White BS 00E53 Black RAL 7031 Blue Grey



RAL 7011 Iron Grey RAL 6024 Traffic Green RAL 1003 Signal Yellow



RAL 5015 Sky Blue RAL 5017 Traffic Blue RAL 3001 Signal Red

*A surcharge to the quoted list price will apply to all colours selected from the 'Brilliant Brights' range. Other colours can be produced to order; however, these will be priced on application and minimum order quantities will apply. For example, an MOQ of 100.0 kg will apply to vebro EP Universal chosen in a special colour.

Technical Profile

Performance Criteria		
FeRFA Type / BS 8204-6	Type 5	
Finish	Coloured High Gloss	
Slip Resistance	BS 7976 (Wet & Dry Conditions)	Low Slip Potential PTV 36+
Compressive Strength	EN 196-1	> 70 N/mm ²
Flexural Strength	EN 196-1	> 40 N/mm ²
Adhesive Strength	EN ISO 4624	> 2.5 N/mm ² (concrete failure)
Chemical Resistance	Resistant to a very wide range of chemicals. For a full chemical resistance breakdown contact our Technical Services team.	
Working Time	approx. 20 minutes	
Storage	Keep at an ambient 5 – 35°C temperature in dry, frost-free conditions	
Shelf Life	24 months in unopened original packaging	
Speed of Cure (at 20°C)	Light Foot Traffic – 16 hours	Heavy Duty Traffic – 48 hours
	Light Wheeled Traffic – 24 hours	Full Chemical Cure – 7 days

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions. The slip resistance figures given above are affected by application techniques and prevailing site conditions. Slip resistance can reduce over time due to poor maintenance, general wear or surface contaminants. Good housekeeping practices should be observed.

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

All consumptions listed are calculated using Vebro Polymers' approved quartz sands and fillers, the use of other third party material may cause changes to both the consumptions listed and the system's technical performance. Detailed application instructions and advice can be provided on request through our Technical Services team.

vebrores systems are suitable for application on concrete substrates exhibiting a minimum strength of 25 N/mm². The substrate should be capable of bearing loads, free of cracks and voids as well as free from laitance, dust and other contamination according to the appropriate standards.

The substrate must be dry to 75% RH in line with BS 8203 and free from rising damp and ground water. **vebro** EP DPM in two coats can be used for substrates up to 100% RH (surface dry).

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 practices 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 practices 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

for chemistry you can count on...

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