

vebrores EP HBC SR

1.00 mm

vebrores EP HBC SR is a pigmented, solvent-free, slip-resistant high build epoxy floor coating system.

vebrores EP HBC SR is best suited to floors in medium duty wet or processing areas where a textured, hard-wearing, chemical resistant finish is required.

Benefits



Excellent resistance to cleaning solvents and other industrial chemicals



Solvent-free and low odour formulation



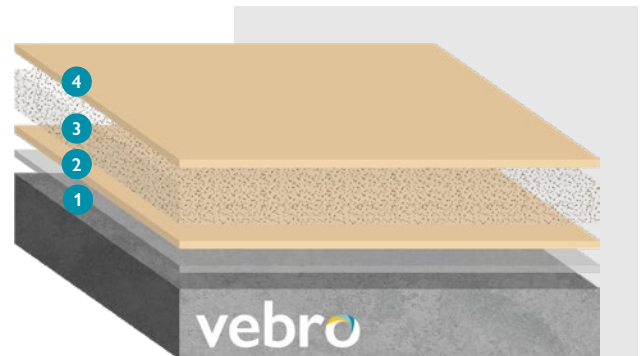
Slip resistance profile can be customised



Easily applied with a roller or rubber squeegee

Applications

- ✓ Light to Medium Duty Wet & Dry Industrial Process Areas
- ✓ Warehouse & Distribution Centres
- ✓ Chemical Stores
- ✓ Plant Rooms & Storage Units
- ✓ Garages



1 Primer

vebro EP Primer
0.30 kg/m²

2 Coating

vebro EP Universal
0.30 kg/m²

3 Scatter

vebro 52 / 30 Silica Sand
2.50 kg/m²

4 Coating

vebro EP Universal
0.30 kg/m²

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.

vebrores EP HBC SR

Technical Profile

Performance Criteria		
BS 8204-6	Type 3	
Finish	Coloured High Gloss	
Solids Content	> 98%	
Dry Film Thickness	150 – 200 microns per coat. Two coats recommended.	
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)
Shore D Hardness	EN ISO 868	82
Chemical Resistance	Resistant to a very wide range of chemicals. For a full chemical resistance breakdown contact our Technical Services team.	
Fire Resistance	EN 13501-1	B _n -s1
VOC Content	Complies with category j type SB (< 500 g/l). VOC content is approx. 140 g/l.	
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 – 72 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...

The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF

w: vebro polymers.com | **e:** hello@vebro polymers.com | **t:** +44 (0) 1618 738 396

Vebro Polymers UK Ltd trading as Vebro Polymers. Registered in England & Wales. Company number: 12261265.
Registered office: The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF

System Data Sheet **vebrores** EP HBC SR 15/12/22