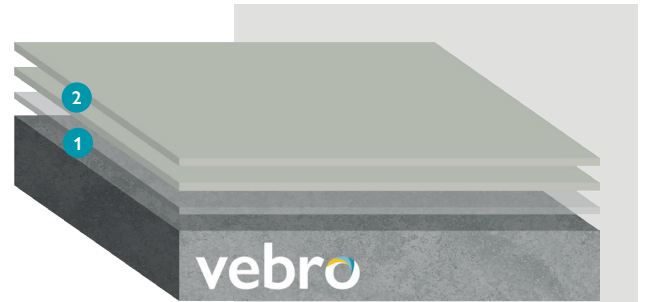


## vebrores EP HBC

0.35 mm

vebrores EP HBC is a pigmented, solvent-free, easily-applied high build epoxy floor coating system designed to protect concrete substrates.

vebrores EP HBC is best suited to coat floors in medium duty dry processing areas where a hard-wearing, chemical resistant floor finish is required.



### 1 Primer

vebro EP Primer  
0.30 kg/m<sup>2</sup>

### 2 Coating

vebro EP Universal  
1<sup>st</sup> Coat: 0.30 kg/m<sup>2</sup>  
2<sup>nd</sup> Coat: 0.30 kg/m<sup>2</sup>

### 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 Industrial Process Areas
- ✓ Warehouse & Distribution Centres
- ✓ Chemical Stores
- ✓ Plant Rooms & Storage Units
- ✓ Garages

				
Traffic White RAL 9016	Grey White RAL 9002	Agate Grey RAL 7038	Dusty Grey RAL 7037	Window Grey RAL 7040
				
Blue Grey RAL 7031	Brown Red* RAL 3011	Ruby Red* RAL 3003	Sand Yellow* RAL 1002	Melon Yellow* RAL 1028
				
Traffic Green* RAL 6024	Leaf Green* RAL 6002	Azure Blue* RAL 5009	Distant Blue* RAL 5023	Traffic Black RAL 9017

Please note, the applied colours may differ from the examples shown. RAL colour references are given as a guide only. For porous surfaces, very light colours and pastel shades may require extra coats. Other colours are available on request, however an extra charge will apply depending on requirement. Minimum order quantity must be at least 20 units. To discuss colour fast options, or for colour cards and samples, please contact our Technical Services team – [technical@vebropolymers.com](mailto:technical@vebropolymers.com)

# vebrores EP HBC

## Technical Profile

Performance Criteria		
FeRFA Type / BS 8204-6	Type 3	
Finish	Coloured High Gloss	
Solids Content	> 98%	
Dry Film Thickness	150 – 200 microns	
Specific Gravity	1.30 – 1.40 g/cm <sup>3</sup> (A+B)	
Compressive Strength	EN 196-1	70 N/mm <sup>2</sup>
Flexural Strength	EN 196-1	40 N/mm <sup>2</sup>
Adhesive Strength	EN ISO 4624	> 2.5 N/mm <sup>2</sup> (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.	
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/mm<sup>2</sup>. 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@vebropolymers.com](mailto:technical@vebropolymers.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.vebropolymers.com](http://www.vebropolymers.com)

for chemistry you can count on...

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