



vebrores PU SL HD

2.0 – 4.0 mm

vebrores PU SL HD is a heavy duty, solvent-free, flexible, self-smoothing polyurethane flooring system offering outstanding strength and performance.

vebrores PU SL HD is best suited to use in heavy duty industrial areas requiring a highly durable, chemical, impact and wear resistant floor finish.

Please note: a fast-cure version of vebrores PU SL HD is also available.



1 Primer

vebro EP Primer
0.30 kg/m²

2 Coating

vebro PU Universal (mixed with up to 30% by weight vebro PU Universal HD Filler)
3.60 kg/m² at 2.0 mm (20%)
5.40 kg/m² at 3.0 mm (30%)
7.20 kg/m² at 4.0 mm (30%)

Benefits



Excellent resistance to corrosive foodstuffs and cleaning solvents



Can be applied to a variety of substrates including concrete, asphalt, wood and steel



Slip resistance profile can be customised



Easily cleaned, sanitised and maintained

Applications

- ✓ Heavy Duty Industrial Process Areas
- ✓ Food Processing & Packaging Halls
- ✓ Automotive Repair & Maintenance Workshops
- ✓ Warehouse & Distribution Centres



Dusty Grey
RAL 7037



Concrete Grey
RAL 7023



Graphite Grey
RAL 7024



Beige
RAL 1001



Traffic Yellow*
RAL 1023



Traffic Red*
RAL 3020



Traffic Green*
RAL 6024



Traffic Blue*
RAL 5017

Please note, the applied colours may differ from the examples shown. *Traffic colours will incur an additional supplement. To discuss colour fast options, or for colour cards and samples, please contact our Technical Services team – technical@vebro polymers.com

Technical Profile

Performance Criteria		
BS 8204-6	Type 5	
Finish	Coloured Gloss	
Temperature Resistance	Intermittent temperatures of 70°C and sustained temperatures of 50°C	
Slip Resistance	BS 7976-2 (4-S Rubber Slider)	Dry > 40
Tensile Strength	BS 6319-7	> 15 N/mm ²
Flexural Strength	EN 13892-2	> 20 N/mm ²
Adhesive Strength	DIN EN ISO 4624	> 2.0 N/mm ² (concrete failure)
Elongation at Break	BS 6319	approx. 30%
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 – 25 minutes at 20°C, 15 minutes at 30°C	
Storage	Keep at an ambient 10 – 25°C temperature in dry, frost-free conditions	
Shelf Life	12 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 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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