



## EURODUR EP/EM

2-component epoxy resin coating, pigmented

<b>Product description</b>	<b>EURODUR EP/EM</b> is a pigmented, aqueous, solvent-free, 2-component epoxy resin coating for wall and floor surfaces composed of concrete, cement screed, stone, asphalt, EP mortars, anhydride screeds and coatings.
<b>Area of application</b>	<b>EURODUR EP/EM</b> is used in industry, including for instance in warehouse and production halls, cellar corridors, stairways and refuse rooms.
<b>Product characteristics</b>	<ul style="list-style-type: none"><li>- solvent-free</li><li>- aqueous</li><li>- up to 5% water-dilutable</li><li>- good chemical and mechanical properties</li><li>- pigmented, abrasion-resistant coating for interior use</li><li>- a change in colour can occur with UV exposure</li><li>- easy to use</li></ul>
<b>Colours</b>	approx. RAL 7032, other colours upon request
<b>Substrate preparation</b>	The substrates to be coated must be solid, dry and free of dust and grease. Mechanical pre-treatment is recommended in all cases.
<b>Handling</b>	<p>To achieve a homogeneous consistency, the components must be mixed mechanically for at least 3–5 minutes until streak-free. If required, up to 5% water can be added in the first application (primer).</p> <p>However, this must be followed by 1–2 additional applications to achieve good opacity.</p> <p>Do not divide containers!</p> <p>Repot! Do not add solvent!</p> <p><b>EURODUR EP/EM</b> is applied with a fleece roller, but is also sprayable or may be applied with a brush.</p> <p>Consumption is highly dependent upon the substrate and is approx. 200–400 g/m<sup>2</sup> per application. Ensure good ventilation in damp spaces and when humidity is high!</p>



<b>Cleaning</b>	Tools can be cleaned with water immediately after completion of the work.
<b>Consumption</b>	approx. 200–400g/m <sup>2</sup> per application, depending on substrate absorbency.
<b>Packaging</b>	<b>EURODUR EP/EM</b> is delivered in 1 kg, 7 kg and 30 kg containers.
<b>Storage and shelf life</b>	Store in a cool, dry place (+10°C to +20°C). Under these conditions, the shelf life of unopened and undamaged original containers is 12 months.
<b>Special instructions / protective measures</b>	<b>EURODUR EP/EM</b> may only be used in well ventilated areas. Wear suitable protective clothing when working. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh recycling system. The instructions and the corresponding safety data sheet must be strictly observed.

## Technical data\*

Raw material base		Epoxy resin
Mixture ratio (A: B by weight)		4.88: 1
Material consumption (depending on substrate)	kg/m <sup>2</sup>	0.2 to 0.4
Number of components		2
Density at 23°C / 50% relative humidity	g/cm <sup>3</sup>	1.3
Processing time at +10°C (100 g)	min	approx. 24
Curing time at 23°C and 50% relative humidity	h	approx. 24
traffic-ready	h	approx. 24
full load-bearing capacity	day	7
Material temperature	°C	+15 to +30
Processing temperature	°C	+15 to +30

\*These are approximate values. The values are not intended for the preparation of specifications.



The data was determined at +23°C and 50% relative humidity. These times may be longer or shorter at higher temperatures and/or relative humidities. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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