



## EURODUR EP 0310

2-component epoxy resin conductive paint, pigmented,  
conductive

<b>Product description</b>	<b>EURODUR EP 0310</b> is a 2-component, epoxy resin, that is conductive and used as an intermediate layer between EURODUR EP 0100 primer and the conductive EURODUR EP 0320 cover layer.
<b>Area of application</b>	<b>EURODUR EP 0310</b> is used as a conductive intermediate layer in the production of conductive industrial floors.
<b>Product characteristics</b>	<ul style="list-style-type: none"><li>- solvent-free</li><li>- conductivity <math>1 \cdot 10^4</math> Ohms</li><li>- water-based</li><li>- pigmented (black)</li><li>- rollable</li></ul>
<b>Colour</b>	black
<b>Substrate preparation</b>	The surface to be coated must be clean, dry, grease-free and primed with EURODUR EP 0100. Copper tapes (discharge tapes) must be installed and connected to ground before application. One connection to the power source is required for every 100 m <sup>2</sup> .
<b>Handling</b>	<p>To achieve a homogeneous consistency, the components must be mixed mechanically for 2–3 minutes until streak-free. Component A must well-mixed separately in advance.</p> <p><b>EURODUR EP 0310</b> must be applied with a fleece roller. Consumption of 150 g/m<sup>2</sup> must be maintained. Do not sand the coating! Ensure good ventilation, because this is an aqueous product.</p>
<b>Cleaning</b>	Tools can be cleaned with water immediately after use.



<b>Consumption</b>	approx. 150 g/m <sup>2</sup>
<b>Packaging</b>	<b>EURODUR EP 0310</b> is delivered in 5 kg, 10 kg and 30 kg containers.
<b>Storage and shelf life</b>	Store in a cool, dry place (+5°C to +20°C). The material should be stored between +15°C and +25°C for 24 hours before application. Under these conditions, the shelf life of unopened and undamaged original containers is 6 months.
<b>Special instructions / protective measures</b>	<b>EURODUR EP 0310</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)		1.72 kg : 8.28 kg
Material consumption (depending on substrate)	kg/m <sup>2</sup>	0.15
Number of components		2
Density	kg/dm <sup>3</sup>	1.0 to 1.1
Processing time at +10°C (100 g)	min	approx. 30
traffic-ready	h	12–16
full load-bearing capacity	day	1
Relative humidity during application	%	max. 80
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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