



EURODUR EP 0310

2-component epoxy resin conductive paint, pigmented, conductive

Product description	EURODUR EP 0310 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.
Area of application	EURODUR EP 0310 is used as a conductive intermediate layer in the production of conductive industrial floors.
Product characteristics	- solvent-free - conductivity 1.10^4 Ohms - water-based - pigmented (black) - rollable
Colour	black
Substrate preparation	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 ² .
Handling	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. EURODUR EP 0310 must be applied with a fleece roller. Consumption of 150 g/m² must be maintained. Do not sand the coating! Ensure good ventilation, because this is an aqueous product.
Cleaning	Tools can be cleaned with water immediately after use.



Consumption

approx. 150 g/m²

Packaging

EURODUR EP 0310 is delivered in 5 kg, 10 kg and 30 kg containers.

Storage and shelf life

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.

Special instructions / protective measures

EURODUR EP 0310 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 ²	0.15
Number of components		2
Density	kg/dm ³	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.

January 2016/We reserve the right to make technical changes and refinements. No liability assumed for advertising documents. Advice of any kind, also regarding the industrial property rights of third parties, should be considered as non-binding. The customer is solely responsible for the suitability of the goods for the intended application. All orders are subject to the seller's/manufacturer's terms and conditions for the sale and/or manufacture of the goods.
Reproduction not permitted.