



EURODUR EP 0300

2-component epoxy resin coating, pigmented, solvent-free

Product description EURODUR EP 0300 is a solvent-free, economical, nonylphenol-free, self-levelling, 2-component epoxy resin coating.

Area of application EURODUR EP 0300 is used in industry on concrete, cement, anhydride and EP screeds, e.g. in warehouses and production halls.

Product characteristics

- solvent-free
- self-levelling
- good chemical and mechanical properties
- pigmented, impact and abrasion-resistant coating for interior use
- a change in colour can occur with UV exposure
- may be driven over by forklifts

Colours approx. RAL 7032, other colours upon request

Substrate preparation The substrates to be coated must be solid, dry and free of dust and grease. Residual moisture must be below 4%. Concrete must be more than 28 days old before coating. An open-pored substrate structure is a prerequisite to ensure good penetration of EURODUR EP 0100 primer ($\pm 0.35 \text{ kg/m}^2$). To obtain optimal adhesion, the primer must be sprinkled with fire-dried quartz sand.

Handling To achieve a homogeneous consistency, the components must be mixed mechanically for at least 2–3 minutes until streak-free.

EURODUR EP 0300 must be applied with a trowel or toothed spreader. A minimum layer thickness of 1.5–2.0 mm (equals approx. $1.3 \text{ kg/m}^2/\text{mm}$ of layer thickness) should be maintained. A spiked roller must be used to remove entrapped air.



Cleaning Fresh material can be removed from tools using EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.

Consumption approx. 2.5 kg/m², fillable up to max. 1:0.7 (fire-dried quartz sand, by weight)

Packaging **EURODUR EP 0300** is delivered in 1kg, 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 0300** 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: 1
Material consumption (depending on substrate)	kg/m ²	1.5–2.5
Number of components		2
Density at 23°C / 50% relative humidity	g/cm ³	1.3
Processing time at +10°C (100 g)	min	approx. 30
Curing time at 23°C and 50% relative humidity		
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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