



## EURODUR EP 0320

2-component epoxy resin coating, pigmented

**Product description** EURODUR EP 0320 is a solvent-free, pigmented, self-levelling, conductive, 2-component epoxy resin coating.

**Area of application** EURODUR EP 0320 is used as a conductive, non-dusting, acid and alkali-resistant, joint-free, self-levelling industrial floor covering. Areas of application are clinics, computer rooms, pharmaceutical and chemical industries.

**Product characteristics**

- solvent-free
- conductive
- self-levelling
- good wear resistance
- a change in colour can occur with UV exposure
- may be driven over by forklifts
- outstanding flow properties

**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 6%. 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 (approx. 0.35 kg/m<sup>2</sup>). A conductive layer is required between primer and cover layer to achieve conductivity. See EURODUR EP 0310.

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

EURODUR EP 0320 can be cast and must be applied with a trowel or toothed spreader. A spiked roller must be used to remove entrapped air no more than 10 minutes after application.



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

**Consumption** For the maximum thickness of 2 mm: max. 2.8 kg/m<sup>2</sup>.

**Packaging** **EURODUR EP 0320** is delivered in 6 kg, 12 kg and 24 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 0320** 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)                |                   | 5: 1        |
| Material consumption (depending on substrate) | kg/m <sup>2</sup> | 2.8         |
| Number of components                          |                   | 2           |
| Density at 23°C / 50% relative humidity       | g/cm <sup>3</sup> | 1.4         |
| Processing time at +10°C (100 g)              | min               | approx. 30  |
| 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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