

RC 845

UNIVERSAL EPOXY PRIMER

Concrete repair | Floor systems



ADVANTAGES OF RC 845

- ✓ Good penetration ability
- ✓ Excellent adhesion
- ✓ Solvent-free
- ✓ Multifunctional

Description

RC 845 is used as a primer for cement-bound surfaces, all Reynchemie epoxy and polyurethane systems and as a binder for scratch coatings.

RC 845 is pre-dosed in two components:

- Component A: epoxy resin
- Component B: modified polyamide hardener

Properties

- Low viscosity;
- Good penetration ability;
- High adhesive strength;
- Easy to process;
- Multifunctional.

Substrate

Before applying RC 845, the surface must be dry and free from grease, oil and dust. The substrate must also be compression resistant (25 N/mm^2) with a minimum adhesive strength of $1,5 \text{ N/mm}^2$.

Concrete substrates must be mechanically pretreated by means of low-dust blasting to remove the cement skin and obtain a roughened, adhesive-strong and clean surface.

Application instructions

Mix the pre-dosed quantities of the A- and B-components with a slow-speed mixer (300 rev/min) until both components are homogeneous. Potlife (at $+20^\circ\text{C}$): +30 minutes.

RC 845 can be applied with a paint roller, squeegee or airless pistol. To ensure complete mixing, transfer the mixed material to a clean container and mix again briefly. Foot traffic possible after 24 hours.

Consumption

➤ Primer:

0,3- 0,5 kg/m^2 /coat, depending on the porosity of the substrate.
The exact consumption must be determined experimentally.

➤ Primer/scratch coat:

1 part RC 845 (A+B) with 7 parts dry quartz sand (0,2 – 0,8 mm) = $1,5 \text{ kg/m}^2/\text{mm}$.
For screed floors: prime first and apply a scratch coat after 24 hours.

Technical characteristics

Mixing ratio:	2:1/volume; 100:50/weight
Viscosity (at +23°C):	+ 350 mPas according to DIN 53211
Density:	1,05 g/cm ³
Potlife (at +20°C):	+ 30 minutes at 20°C
Minimal processing temperature:	+10°C
Adhesion on concrete:	> cohesion of concrete
Heat resistance:	60°C
Chemical protection:	Na 7 dagen bij 20°C

Safety

Consult the most recent safety data sheet.

Remarks

The moisture content of the concrete must be less than 4%, with regard to a concrete that is at least 28 days old.

Substrate temperature: minimum + 10 ° C, maximum + 30 °

Ambient temperature: minimum + 10 ° C, maximum + 30 ° C

Relative humidity: maximum 80% (watch out for condensation!)

Note: low temperatures and high humidity the risk of white discoloration of carbamate formation (sticky surface).

Cleaning of equipment

With RC THINNER immediately after use.

Storage / Shelf life

- Keep only in the original container in a cool, well-ventilated place.
- 1 year after production in the unopened packaging.

Packaging

Set of 4 kg (item no. 70500).

Photos



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Legal Notes

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