

Seamless, solvent free, self-levelling 3-component epoxy floor, used as protection for concrete or screeds. Excellent chemical and mechanical properties for industrial applications (factory floors, warehouses,...). Available in all RAL colours.

## SYSTEM

- Adequate surface preparation.
- EPOXPRIM SF 245 epoxyprimer.
- EPOXFLOOR 80.
- PURTOP 1C (aliphatic top coating optional).

## APPLICATION PRESCRIPTIONS

- **Surface preparation**  
The surface should be clean, dry (< 4%), and free from dust, grease, oil, old paint or any other contamination in order to guarantee excellent adhesion. Ensure adequate surface preparation, if necessary, sandblasting or alternative. Adhesion of the surface should be minimal 1,5 N/mm<sup>2</sup>. Apply an epoxy scrape layer for porous surfaces, before applying the primer.
- **Primer**  
Prepare the floor with EPOXPRIM SF 245 (without solvent).
- **Floorsystem**  
Mix A, B and C components slowly with an electric mixer ( 300 – 400 rpm), until a uniform substance is obtained (about three minutes). Pour this mix on the floor. Ensure a constant thickness of 1,5 mm to 2 mm max. Pinroll until all air is out of the epoxy floor.
- **Topcoat**  
The colour of EPOXFLOOR 80 will change under influence of UV light. Therefore, a coloured aliphatic polyurethane topcoat (PURTOP 1C) can be applied on top of EPOXFLOOR 80. Before applying the topcoat, clean the surface of EPOXFLOOR 80 with acetone, MEK or another solvent. For technical information on the aliphatic coloured topcoat, please consult the technical data sheet of PURTOP 1C.

## CONSUMPTION

About 1,5 kg/m<sup>2</sup> for each mm thickness.

## REMARK

Beware that the products do not come in contact / are not mixed with water. EPOXCOAT 80 can be supplied without filler.

## TECHNICAL DATA

<b>Aspect A component</b>	Coloured liquid to RAL colour
<b>Aspect B component</b>	Yellow liquid
<b>Aspect C component</b>	Filler
<b>Mixing ratio's</b>	A: 14 kg / B: 3,15 kg / C: 14 kg A: 25 kg / B: 5,625 kg / C: 25 kg
<b>Pot life (20°C)</b>	30 minutes
<b>Tensile strength</b>	28 N/mm <sup>2</sup>
<b>Flexural strength</b>	40 N/mm <sup>2</sup>
<b>E-modulus</b>	7000 N/mm <sup>2</sup>
<b>Hardness (Shore D)</b>	80
<b>Electrical resistance</b>	4550 Ohm (200V)
<b>Adhesion</b>	> 3 N/mm <sup>2</sup> (fracture in concrete)
<b>Curing time</b>	24 hours
<b>Compressive strength</b>	80 N/mm <sup>2</sup>
<b>Colour</b>	Available in all RAL colours
<b>Minimum temperature for application</b>	5°C

## PACKAGING

- 31,15 kg per set  
or
- 55,625 kg per set

## SAFETY AND HEALTH PRECAUTIONS

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/clothing, eye protection and face protection.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water/shower.

For more information, consult the safety data sheet.