

# EPOXY SELF-LEVELLING FLOOR - EPIROC AL2

## DESCRIPTION

Self-levelling solvent-free epoxy floor screed with high mechanical abrasion resistance, consisting of 4 components:

- Resin, type Bisphenol - A/F
- Hardener from the polyamine adduct group
- Oven-dried calibrated quartz fillers
- Pigments

## MECHANICAL FEATURES (after 7 days at 23 °C)

Density	1.8 kg/dm <sup>3</sup>
Colours	RAL colours
Compressive strength	At least 95 MPa (= N/mm <sup>2</sup> ) (DIN 53454)
Bending resistance	At least 70 MPa (= N/mm <sup>2</sup> ) (DIN 53452)
Tensile strength	At least 42 MPa (= N/mm <sup>2</sup> ) (DIN 53455)
Heat resistance	60°C continuously/100 °C occasionally
Elongation/fracture	At least 7% (DIN 53455)
E-modulus (deflection)	At least 12,000 MPa (ISO 178)
Amsler abrasion resistance	Not more than 2 mm (NBN B 15-223)
Hardness Shore D	At least 81 (DIN 53505)

## APPLICATION AND PLACEMENT

- Is applied as a wear layer for industrial floors, Where high mechanical and abrasion resistance are required.
- Installation temperature: min. 15 °C
- Standard installation at a thickness of 3 to 4 mm.

## CHEMICAL RESISTANCE (at ambient temperature)

- + Resistant: compressive strength > 80% and weight change <10%
- ° Limited resistance: compressive strength <80% and/or weight change > 10%
- Not resistant

ammonia 10%	°	hydrochloric acid 10%	+	phosphoric acid 10%	°
ammonia 25%	°	hydrochloric acid 20%	+	phosphoric acid 20%	°
acetone	-	sulphuric acid 10%	°	trichloroethylene	-
benzol	-	sulphuric acid 20%	°		
diesel	+	xylo	°		