

STANDARD SELF-LEVELING EP-COATING

DESCRIPTION

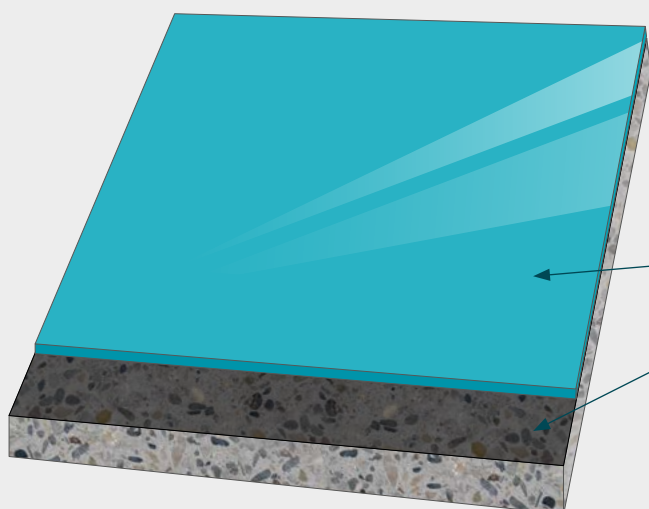
Universally applicable, two-layer epoxy resin based coating system for mineral and synthetic resin bound substrates for areas with medium to high mechanical stress.

TECHNICAL SPECIFICATIONS

PROPERTIES	STANDARD	RESULT
compressive strength	EN ISO 604	ca. 100 MPa
E-modulus	EN ISO 604	ca. 650 MPa
flexural strength	EN ISO 178	ca. 25 MPa
adhesive strength	EN 1542	> 2 N/mm ²
abrasion resistance (Taber, friction wheel H22, 1000 cycles)	EN ISO 5470-1	< 30 mg
shore-hardness	ISO 7619-1	> D 75
reaction to fire	EN 13501-1	E _{fl}

TOTAL LAYER THICKNESS

1-3 mm



AREA OF APPLICATION

- industrial floors with medium to high mechanical stress
- storage halls
- workshops
- laboratories

PROPERTIES / PERFORMANCE

- total solid regarding test method "Deutsche Bauchemie"
- durable
- tough
- for mineral and synthetic resin bound substrates
- for areas with medium to high mechanical stress
- high abrasion and impact resistance
- without joints
- impermeable to water
- homogeneous smooth surface
- easy to clean
- good chemical resistance
- available in many colors

SECOND LAYER: GI 120 (1.8-2.25 kg/m²)

FIRST LAYER: GI 115 (0.25-0.45 kg/m²)

SUBSTRATE: dry concrete or mineral screed, coating