ANTISTATIC COATING EP-ECF

DESCRIPTION

Four-layer coating system based on epoxy resin for interior areas in which electrostatic charges have to be derived from production or safety-related aspects.

TECHNICAL SPECIFICATIONS

PROPERTIES	STANDARD	RESULT
resistance towards earth	DIN IEC 61340-4-1	R_E SYSTEM < 10^6 Ω
compressive strength	EN ISO 604	approx. 95 MPa
E-modulus	EN ISO 604	approx. 800 MPa
flexural strength	EN ISO 178	approx. 25 MPa
adhesive strength	EN 1542	> 2 N/mm²
abrasion resistance (Taber, friction wheel H22, 1000 cycles)	EN ISO 5470-1	< 50 mg
shore-hardness	ISO 7619-1	> D 80
reaction to fire	EN 13501-1	E_{fl}

TOTAL LAYER THICKNESS

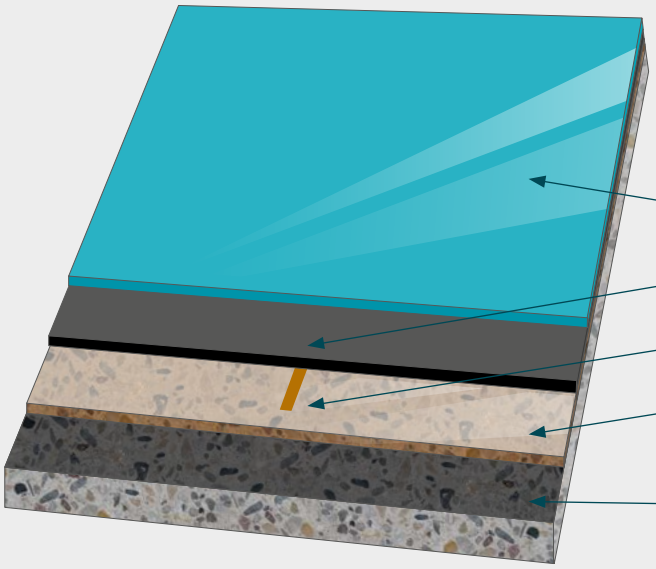
2-3 mm

AREA OF APPLICATION

- gas companies
- pharmaceutical industry
- operating theatres
- stock areas for explosive goods
- ammunition depots
- pallet rack areas, where floor-borne vehicles with full-rubber-tires are used

PROPERTIES / PERFORMANCE

- total solid regarding test method "Deutsche Bauchemie"
- durable
- hard and tough
- for minerally 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



FOURTH LAYER: GI 126 (2.5-3.0 kg/m²)

THIRD LAYER: GI 125 (0.1-0.15 kg/m²)

COPPER TAPE

SECOND LAYER: GI 115 (mixed 1:1 with Grepox SLD, approx. 1.5 kg/m²/mm)

FIRST LAYER: GI 115 (0.25-0.4 kg/m²)

SUBSTRATE: dry concrete or mineral screed, coating

Gremmler Bauchemie GmbH Lise-Meitner-Straße 5 46569 Hünxe / Germany
Phone +49 (0) 281 / 94 403 - 40 **Fax** +49 (0) 281 / 94 403 - 44 **E-Mail** info@gremmler.de **Internet** www.gremmler.de