

CONIFLOOR IET

(Industrial Epoxy Texture)

Hard, structural coating based on epoxy resin, thin-layer and economical, for light to medium mechanical loads, for indoor use



- 1 Primer
- 2 Scratch coat optional
- 3 Structured coating (nubbed)
- 4 Matt top coat optional

System design and consumption

LAYER	PRODUCT	CONSUMPTION (kg/m ²)	QS / FILLER (kg/m ²)	APPLICATION	
1	Primer on strongly absorbent u. porous substrates, if necessary, 2-layer application *	CONIFLOOR EP 110 / CONIFLOOR EP 112 or CONIFLOOR EP 116LE	0.3 – 0.5 * 2-layers if necessary or scratch coat	QS 03/08 0.8 – 1.0	Squeegee / roller / brush Sand broadcasting, not in excess
2.1	Scratch coat / levelling (optional)	CONIFLOOR EP 110 / CONIFLOOR EP 112 or CONIFLOOR EP 116LE filled with QS 01/03	0.6 – 1.0 QS 01/03 MR ≤ 1:1	QS 03/08 2.0 – 3.0	Trowel / smoothing rake / notched trowel or squeegee Sand broadcasting, not in excess
2.2	Pore sealer / levelling layer optional / alternative	CONIFLOOR 430 if necessary filled with QS 01/03	0.6 – 1.0 MR ≤ 1:0.5	none	Trowel / smoothing rake / notched trowel or rake
3	Hard structure coating (orange skin)	CONIFLOOR 431	0.6 – 0.8 if necessary to increase slip resistance fill with QS 03/08	optional Colour flakes (≤ 2 mm) optional 10 % by weight QS 03/08	Notched trowel / notched rake / smoothing trowel with QS Re-roll with structure roller (yellow foam middle or coarse) depending on consumption, re-roll in in one direction
4	Topcoat, pigmented or transparent, matt (optional)	CONIFLOOR 520 CW / W	0.12 – 0.15	optional CONIFLOOR Ballotini for slip resistance	Roller (micro fibre) 11 mm
System layer thickness		ca. 0.5 – 1.0 mm			

Subsoil

Surfaces must be clean, stable, and free of cracks and voids. In general, substrates must be provided in accordance with the applicable regulations. (See also "General processing guidelines for CONICA coatings, CONICA seals and CONICA parking deck coating systems"). Adhesive tensile strength ≥ 1.5 N / mm² max. Residual moisture ≤ 4% -CM, on cementitious substrates. Special precautions must be taken in the event of higher residual moisture levels and moisture by rising water. Preparation of the surface e.g. by grinding (diamond) or shot blasting (Blastrac) with subsequent sweeping and vacuuming is mandatory. The above-mentioned consumption values have been determined in the laboratory under practical conditions to achieve the technical properties. In the case of existing on-site conditions and conditions such as temperature, surface roughness etc., the consumption values may deviate from the stated values. In case of doubt, we recommend creating sample areas on site.

Notes

For other substrates, which are not mentioned here or special requirements, special primers must be used if necessary, please ask our technical service. Detailed processing instructions can be found in the respective product data sheets or are available on request.

Areas of application

- Production areas with light to medium mechanical load and dry to moderate wet use
- Storage areas with light mechanical load
- Workshops
- Technical rooms and corridors
- Wall surfaces in wet production areas

System properties

- **Good** colour resistance (indoor)
- **Wide range of colours** accord. to RAL
- Slip resistant surfaces R9 – R11
- **Trafficable** with forklift and pallet trucks (Vulcollan wheels) and similar
- **For light to moderate mechanical load**
- **Hygienic**, seam less and joint less application
- Fire behaviour class **Bfl-s1**



Technical data (internal / external approvals)

PROPERTIES	STANDARD	VALUES
Shore-Hardness	DIN ISO 868	81 D after 28 d
Chemical resistance	EN ISO 2812-1	DiBT test liquids 10, 11,12 others on request
Impact strength	DIN EN 13813	≤ 4 Nm (IR4)
Abrasion resistance (Taber)	ISO 9352, ASTM D 1044	≤ 65 mg (incl. top coat)
Abrasion resistance (BCA)	DIN EN 13813	AR ≤ 1,0
Slip resistance	DGUV guide line 108-003 / DIN 51130	Class R9 / R10
Adhesive strength	DIN ISO 4624	≥ 1,5 N/mm ² (Depends on substrate)
Fire classification	EN 13501-1	Bfl-s1 (tested in CF IET ESD)

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With the publication of this issue, all previous information on this system is no longer up to date. Since the data sheets are updated regularly, it is the responsibility of the user to have the current version available. Registered users can download current data sheets from our homepage at any time. We would be happy to send them to you on request.