

Carbon primer

CODEX FG 370

Rapid drying primer for dense, smooth surfaces

AREA OF APPLICATION

Very low-emission, ready to use, fast-drying dispersion primer for the pre-treatment of non-absorbent, dense and smooth substrates. Special additives create a very good adhesion spectrum and after priming, work can continue after a very short waiting time. Before laying tiles and natural stone with codex thin-bed and medium-bed mortars and before levelling work under floor coverings, tile and natural stone coverings. For interior and exterior use.

SUITABLE ON

- ▶ Glazed and unglazed tiles and slabs
- ▶ Artificial and concrete stones, Terrazzo
- ▶ Natural stone coverings
- ▶ Glass tile coverings
- ▶ codex Epoxy Primers
- ▶ Smooth, dense concrete surfaces, wing-smoothed concrete
- ▶ Old, firmly adhering, waterproof adhesive residues
- ▶ Old, firmly adhering coatings and coatings and sealants
- ▶ Old fixed, release agent-free PVC coverings
- ▶ Poorly sanded mastic asphalt screeds
- ▶ Chipboards V100, OSB boards or other suitable wood substrates
- ▶ Normal wear in residential and commercial areas
- ▶ Warm water underfloor heating
- ▶ System component in rapid construction



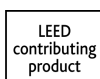
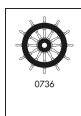
PRODUCT BENEFITS/FEATURES

- ▶ Ready to use
- ▶ Rapid drying
- ▶ Optimal bond

TECHNICAL SPECIFICATIONS

Pack type	plastic can, plastic bucket
Pack size	1 kg, 5 kg, 12kg
Shelf life	12 months
Color	light blue
Minimum working temperature	at least + 5 °C on the substrate
Ideal working temperatures	+ 5 to + 25 °C
Drying Time	approx. 20 - 30 minutes* for tiling, approx. 40 - 60 minutes* for levelling work
Consumption	80 - 120 g/m ²

*At 20 °C and 65% relative humidity.



SUBSTRATE PREPARATION

The substrate must be firm, dry, flat, free of cracks, clean, load-bearing and free of materials that could affect adhesion.

Test the substrate in accordance with applicable standards and bulletins and report any deficiencies.

Mechanically prepare smooth concrete surfaces, adhesion-reducing or weak layers and clean dust-free, if necessary. Calcium sulphate screeds must be sanded and vacuumed.

Always leave to dry primers well.

Refer to the product data sheets for other codex products used.

PROCESSING

1. Allow container to reach room temperature and stir before use.
2. Prime evenly with the nylon fibre roller, a short pile lambskin roller or a brush, apply thinly to the entire surface of the substrate. Avoid pooling.
3. Clean tools with water immediately after use.

COVERAGE

Subfloor	Approx. consumption	Drying Time
old tile coverings	80 - 120 g/m ²	20 - 30 minutes*
smooth, dense concrete surfaces as well as firmly adhering, waterproof adhesive residues	80 - 120 g/m ²	20 - 30 minutes*
poorly sanded mastic asphalt screeds, firmly adhering coatings/sealants	80 - 120 g/m ²	20 - 30 minutes*

IMPORTANT NOTES

- ▶ Store in a cool, dry and frost-free place. Seal opened containers carefully and use up the contents promptly.
- ▶ Best applied at 15–25 °C and relative humidity below 75 per cent. Low temperatures and high relative humidity prolong the drying time, whilst high temperatures and low relative humidity shorten it.
- ▶ When tiling in outdoor or wet areas, use only in conjunction with the appropriate codex waterproofing systems. Do not use in submerged areas. Take suitable measures to prevent moisture rising from the substrate.
- ▶ When using as a bonding agent on epoxy resin primers, seek technical advice on application.
- ▶ The maximum layer thickness of subsequent levelling compounds is generally limited to 5 mm. Greater layer thicknesses up to a maximum of 10 mm are only possible with codex FM 50 Turbo (except on mastic asphalt, where the maximum is 5 mm).
- ▶ codex FG 370 can also be used on old, dimensionally stable, firmly adhering, elastic floor coverings prior to the direct laying of tiles in a thin-bed application.

- ▶ In the case of unknown, unpredictable or critical substrates, such as surfaces painted with oil-based paints, test suitability by means of a preliminary test. The primer must not peel off as a film.
- ▶ Observe generally recognised rules of the trade and technical standards for the installation of tiles and natural stone, as well as the applicable national standards and technical guidance documents (e.g. EN, DIN, VOB, ÖNORM, SIA, Cerunig, etc.).
- ▶ The following standards and guidelines, amongst others, are also applicable or recommended for particular attention:
 - DIN 18 352 "Tiling and slab laying"
 - DIN 18 157 "Execution of ceramic work using the thin-bed method"
 - ZDB technical data sheets:
 - "Floor coverings on cement screed"
 - "Floor coverings on calcium sulphate screed"
 - "Outdoor coverings"
 - "Interface Coordination"
 - BEB technical note:
 - "Assessing and preparing substrates"

BG Verkehr

- ▶ Approval for shipbuilding in codex OS 1 (codex Ocean-System 1 for decks and walls), MED approval no. SEE0736P0004651, USCG approval no. 164.117/EC0736/SEE0736P0004651 for floors and MED approval no. SEE0736P0004634, USCG approval no. 164.112/EC0736/SEE0736P0004634 for walls. Wet application rate for codex FG 370: 120 g/m². Additional components in codex OS 1: codex Power CX 7 and codex X-Fusion with porcelain stoneware tiles (max. 8 mm). Total thickness: approx. 10 mm.
- ▶ Approval for shipbuilding in codex OS 2 (codex Ocean-System 2 for floors and walls), MED approval no. SEE0736P0004642, USCG approval no. 164.117/EC0736/SEE0736P0004642 for flooring and MED approval no. SEE0736P0004626, USCG approval no. 164.112/EC0736/SEE0736P0004626 for walls. Wet application rate for codex FG 370: 120 g/m². Additional components in codex OS 2: codex Power CX 7 and codex X-Fusion with glass mosaic (max. 4 mm). Total thickness: approx. 5 mm.

SEALS OF QUALITY & ECOLABELS

- ▶ Solvent-free dispersion installation materials
- ▶ EMICODE EC 1 PLUS / Very low emission

CONSTITUENTS

Polymer dispersion, preservation agents, additives and water.

PROTECTION OF THE WORKPLACE AND ENVIRONMENT

Solvent-free. Use of barrier cream and ventilation of the work area are recommended.

DISPOSAL

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.