LUGATO

SICHERHEITSKLEBER SCHNELL + FLEXIBEL



Extremely resistant to freeze/thaw weathering, and ideal for balconies and terraces for years on end.

GEV-EMICODE EC 1 PLUS sehr emissionsarm

S1 C2FTE SPITZEN-QUALITÄT

Flexmörtel

Product performance

- The fastest SICHERHEITSKLEBER adhesive with additional flexibility.
- Tile coverings can be paved and grouted after just 3 hours, e. g. for bonding work that has to be finished over the weekend.
- Also for applications that require a flexible adhesive, e. g., in showers, on balconies.
- Resilient after 3 days.
- Frost-resistant and waterproof.
- In C2FTE-S1 quality according to EN 12004.

Applications

1. For tiles and slabs, e. g. on stairs, in corridors, sales rooms, on balconies on LUGATO UNIVERSAL-ABDICHTUNG, in showers and bathrooms on LUGATO DUSCHABDICHTUNG.
2. For tile on tile (indoors).
3. For bonding of and also onto ABDICHTUNGSBAHN.

On wall and floor. Indoor and outdoor use.



For very urgent tiling work, e. g. on steps.

Substrates and preparation

The following applies to all substrates: Level, able to carry a load, clean, crack and free of separating impurities such as form oil. Remove plaster or cement skin, non-adherent paints coats, wallpaper, wallpaper paste. Level out unevenness: on the floor e. g. inside with FLIESST & FERTIG SCHNELL, on the wall with ROHBAUSPACHTEL INNEN or ROHBAUSPACHTEL AUSSEN.

Substrates/LUGATO products	Condition/Preparation	Prime with BESTE BASIS
ABDICHTUNGSBAHN	no additional preparation needed.	
Anhydrite screeds	ready for covering (0.5 CM-%), which is usually the case approx. 4 weeks after production after sanding and vacuuming.	x
Paints, interior	firmly adhering, waterproof, roughen.	
Concrete	older than 3 months.	
DUSCHABDICHTUNG	no additional preparation needed.	
Tile on tile	intact. **Indoors:** for wall tiles prime with HAFTGRUND or pre-spread thinly with adhesive and leave to dry overnight. Not required for floor tiles. **Outdoors:** coat with UNIVERSAL-ABDICHTUNG according to instructions on the package.	
FLIESST & FERTIG, FLIESST & FERTIG EXTRA, FLIESST & FERTIG SCHNELL, NEU AUF ALT!	no additional preparation needed.	
Gypsum fibreboard, gypsum boards	fastened according to the manufacturer's instructions, vacuum.	x
Gypsum plasterboards	fastened according to the manufacturer's instructions, vacuum.	
Gypsum plasters	at least 10 mm thick, at least 2 weeks old, not smoothed.	x
Mastic asphalt	clean.	
Heated screeds, cement-bonded	sufficiently hardened, ready for covering (1.8 CM-%), which is usually the case approx. 4 weeks after production, whereby screed with render requires milling.	
Heated screeds, anhydrite bound	ready for covering (0.3 CM-%), which is usually the case approx. 4 weeks after production after sanding and vacuuming.	x
Floorboards	compensated with NEU AUF ALT!	
Lime cement plasters, cement plasters	at least 10 mm thick, at least 2 weeks old.	
Masonry (brick, sand-lime brick, aerated concrete)	filled with ROHBAUSPACHTEL INNEN, outdoors and in damp rooms with ROHBAUSPACHTEL AUSSEN.	
Chipboard (from P3, P5, P7; formerly: Type V100), OSB boards (OSB 3, OSB 4)	Minimum thickness: on floors 22 mm, on walls 19 mm; glued in tongue and groove, screwed to slatted frame (vertical and horizontal slat spacing max. 50 cm). Prime with BESTE BASIS, then pre-coat with DUSCHABDICHTUNG.	x*
Terrazzo	roughen, vacuum. **Outdoors:** coat with UNIVERSALABDICHTUNG. According to instructions on the package.	
Dry screeds	fastened according to the manufacturer's instructions, vacuum.	x
UNIVERSAL-ABDICHTUNG	no additional preparation needed.	
Cement screeds	sufficiently hardened, ready for covering (2.0 CM-%), which is usually the case approx. 4 weeks after production, whereby screed with render requires milling.	

Key: x = BESTE BASIS required

* = Prime with BESTE BASIS, then precoat with DUSCHABDICHTUNG.

Verarbeitung



Apply adhesive and comb through with toothed trowel.



Tiles can be inserted and aligned within 30 minutes.



Knock in with a rubber mallet.



After 3 hours, joint with UNIVERSAL-FUGE FLEXIBEL.

Mixing: Stir the contents of the bag (20 kg) into 4.5–4.7 l water. Only mix as much material as can be processed within 45 minutes. Mix again after 5 minutes.

Additional processing information:

- For manufacturing reasons, tile backs are often covered with a white powder. This residue, which acts as a separating layer, must be removed before laying the tiles, e. g. by brushing off.
- Smooth tiles with a highly profiled reverse side with an adhesive scratch filler on the rear.
- When laying tiles, check the wetting of the back of the tile repeatedly by picking up a tile that has already been laid. Wetting should be at least 60–70 % on the wall and 80–90 % on the floor. If wetting is too slight, increase the amount of adhesive by using a larger toothing of the toothed trowel and/or additional application of adhesive to the back of the tile (approx. 2 mm thick).
- In the following applications, to achieve as void-free an installation as possible always apply adhesive to the back of the tile (approx. 2 mm thick): outdoors, under water, under heavy mechanical or thermal stress (load with heavy weights or temperature changes on heated screeds, in winter gardens).
- Glue tile sizes bigger than 60 x 60 cm or 3600 cm^2 with GROSSFORMAT-KLEBER WALLS & FLOORS (normal hardening).

Product data

Quantity required, yield, depending on the tile and slab format and toothing of the toothed trowel.

Tile and slab format/ Edge length	Toothing of the toothed trowel	Quantity required	Yield of 20 kg SICHERHEITSKLEBER SCHNELL + FLEXIBEL
to 5 cm	3 x 3 x 3 mm	1.4 kg/m^2	ca. 14 m^2
5–15 cm	4 x 4 x 4 mm	1.8 kg/m^2	ca. 11 m^2
10–20 cm with back profile	6 x 6 x 6 mm	2.6 kg/m^2	ca. 8 m^2
20–33 cm	8 x 8 x 8 mm	3.8 kg/m^2	ca. 5 m^2
over 33 cm	10 x 10 x 10 mm	ca. 4.2 kg/m^2	ca. 4.7 m^2

Product data (continuation)

Processing time (pot life)	45 minutes.
Processing temperature	5–25 °C.
Open time	30 minutes.
Temperature resistance	-25 to 100 °C.
Walkability or waiting time until jointing with LUGATO products	after 3 hours.
Load capacity	after 3 days.
Fire behaviour	class E.
Ingredients	special cement, quartz sand, calcite fillers, plastic additives, defoamers.
Product characteristics	Fulfils the requirements of GEV-EMICODE®EC 1^{PLUS} for very low-emission products (further information available at www.emicode.com). No additional organic solvents.
Package sizes	20 kg, 5 kg.
Shelf life	approx. 16 months in original packaging Store in a dry place. All times based on 15–20 °C and 65 % rel. humidity.

Test certificates

- Testing as C2FTE adhesive in accordance with EN 12004 and S1 adhesive in accordance with EN 12002 by the Säurefliesner-Vereinigung e.V., Großburgwedel
- With LUGATO DUSCHABDICHTUNG: General building authority test certificate P-AB 046-03 from MPA Braunschweig as sealant in conjunction with tiles and slab coverings for construction sealing in accordance with the building products mentioned in building rules list A part 2, consec. no. 2.50.
- With UNIVERSAL-ABDICHTUNG: General building authority test certificate P-22-MPANRW-12989-1-19-1 from MPA North Rhine-Westphalia in accordance with the test principles for sealing in conjunction with tiles and slab coverings for construction sealing in accordance with the products mentioned in building rules list A part 2, consec. no. 2.50.
- With ABDICHTUNGSBAHN: General building authority test certificate from the Säurefliesner- Vereinigung e.V with sealing sheets in conjunction with tiles and slabs for use as construction sealing in accordance with the Technical Building Regulation Administrative Directive (VVTB), consec. no. C3.27

CE

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LUGATO GmbH & Co. KG
Großer Kamp 1, D-22885 Barsbüttel
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1596

EN 12004:2007+A1:2012
SICHERHEITSKLEBER SCHNELL & FLEXIBEL
Verformbarer, schnell erhärtender, zementhaltiger Mörtel für erhöhte Anforderungen mit verringertem Abrutschen und verlängerter offener Zeit für Fliesenarbeiten, innen und außen
EN 12004:2007+A1:2012:C2FTE-S1

Brandverhalten:	Klasse E
Freisetzung gefährlicher Stoffe:	siehe Sicherheitsdatenblatt
Haftzugfestigkeiten Trocken-/Warm-/Wasser-/ Frost-Tauwechsellagerung:	≥ 1,0 N/mm²
Früh-Haftzugfestigkeit:	≥ 0,5 N/mm² (6 h)

- The declaration of performance can be requested if required or downloaded from the Internet at www.lugato.de.

Please note

I High temperatures accelerate, low temperatures retard hardening.

Health & safety:





Gefahr

Contains Portland cement. Causes skin irritations. Causes severe eye damage. Can irritate the respiratory system. If medical advice is necessary, keep the packaging or marking label ready. Keep out of the reach of children. Use only outdoors or in well-ventilated rooms. Wear protective gloves/protective clothing/eye protection/face protection. IN CASE OF CONTACT WITH THE EYES: Rinse carefully with water for several minutes. If possible, remove contact lenses beforehand. Continue to rinse. Handover contents/container to hazardous waste disposal. GISCODE: ZP1. Shows strong alkaline reactions when exposed to water. Prevent dust formation and mortar splashes.
Request safety data sheet if needed or download from the Internet at www.lugato.de.

UFI: 411X-5YVU-0F17-9MNV

Disposal: Recycle packaging free from residues.

If you're not sure of something, please ask!

Feel free to give us a call. You can reach the LUGATO experts at: +49 (0)40 6 94 07-222.

The statements made in this information sheet reflect our current knowledge and level of experience. Since we do not have influence on the object-specific circumstances and the correct execution of the work, we can only guarantee the consistent quality of our products.
For that reason, in case of doubt, verify the suitability of the product through a sufficient number of test applications. A direct legal liability can be derived neither alone from the instructions in this information sheet nor from any verbal consultation.
The publication of this technical information sheet invalidates all previous editions. Subject to change without prior notice.

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