

DUSCHABDICHTUNG



Officially tested, solvent-free brush sealing before tile bonding.

FOR SEALING AS PER DIN 18534.
WITH PAINT BAGS IN BUCKET
FOR COLOURING THE 2nd COAT.

Product performance

- | Mint green latex coating for rolling, painting and filling.
- | Makes showers and bathrooms with two coats absolutely waterproof before tile bonding.
- | For sealing as per DIN 18534, the 2nd sealing coat must be applied in a different colour.
- | Due to the incorporated colour additive, the 2nd coat is visible.
- | Officially tested, see „Test certificate“.
- | Solvent-free, flexible, crack-bridging up to 1 mm.

Suitable tile adhesives: SICHERHEITSKLEBER FLEXIBEL, SICHERHEITSKLEBER FLEXIBEL PLUS, SICHERHEITSKLEBER SCHNELL + FLEXIBEL, GROSSE KLASSE GROSSFORMAT-KLEBER, GLASMOSAİK-KLEBER.

Suitable tool: ROLLE FÜR DUSCHABDICHTUNG.

Suitable seals for corner joints and pipe penetrations: LUGATO DICHTUNGSBAND and DICHTUNGSMANSCHETTE.

Important: DUSCHABDICHTUNG is officially approved for use in wet areas with high water pollution (on the wall, Load class A), e.g., shower facilities and as per DIN 18534 Water Impact Categories WO-I, W1-I and W2-I* (** W2-I only wall surfaces and surfaces without additional chemical exposure).

Applications

1. For sealing showers, bathrooms, laundry rooms before tiling. Also in wet areas with high water loads (on the wall, Load class A), e.g. in shower facilities. Observe the information in the general test certificate issued by the building authorities!
 2. For precoating chipboard or OSB boards in dry areas prior to tile bonding.
- On wall and floor. Indoor use.



DUSCHABDICHTUNG as an important component for a professionally designed bathroom.

Substrates and preparation

Suitable	concrete, plaster, cement- and anhydrite-bound screeds and heated screeds, cellular concrete, gypsum construction, gypsum fibre, gypsum plasterboard, chipboard (from P3, P5, P7; formerly: Type V100), OSB boards (OSB 3, OSB 4), cement-bonded mineral building boards. See also under „Please note“. For Load class A (wall): Concrete, cement-bound mineral building slabs, lime-cement and cement plaster.
Consistency	even, solid, stable, clean, dry. Free of impurities. Concrete must be used for at least 3 months, cement screeds must be at least 2 weeks old. Heated screeds must be hardened and functionally heated for 3 weeks (cement-bound) or 7 days (anhydrite-bound). Heating switched off for 8 days from the time of installation.
Preparation	remove wallpaper, wallpaper paste, glue and lime paint. Fill the aerated concrete masonry with ROHBAUSPACHTEL INNEN or ROHBAUSPACHTEL AUSSEN. Particle board (at least 19 mm thick on the wall, at least 22 mm thick on the floor) in tongue and groove. Fasten with slatted frame (slat spacing: vertical and horizontal max. 50 cm). Prime gypsum building materials, chipboards, OSB boards, anhydrite screeds, cement-bound mineral building boards and highly absorbent substrates with BESTE BASIS. In the case of unground raw OSB boards containing resin on the surface, e.g. Contiface, priming with BESTE BASIS is not necessary.
Levelling of unevenness	on the floor with FLIESST & FERTIG SCHNELL, on the wall with ROHBAUSPACHTEL INNEN or ROHBAUSPACHTEL AUSSEN. Broken out areas with R & R-HOCHLEISTUNGSMÖRTEL.
Create gradients	with AUSGLEICHS- UND GEFÄLLEMÖRTEL.

Processing



Prime absorbent substrates, e.g. chipboard, with BESTE BASIS. Apply sealing paint twice each time with 750 g/m (= 0.5 l/m) using the ROLLE FÜR DUSCH-ABDICHTUNG fully and undiluted. Save paint bag from the bucket for the 2nd coat.



Stir DUSCHABDICHTUNG before use. Apply 1st coat with roller or brush. Embed all fitted parts (SEALING STRIP, INNER CORNERS, OUTER CORNERS and pipe openings SEALING FLANGE) in the fresh 1st coat.



Paint over necessary installed LUGATO system components accordingly. Then allow 1st coat to dry for at least 6 hours.



For the 2nd coat, open the enclosed paint bag while wearing gloves, and stir the paint additive into the mixture. After the 1st coat has dried, apply the coloured 2nd coat. Alternatively, apply with the smoothing trowel. At the earliest, bond the tiles after 18 hours.

Supplementary processing information

- | Bond the tiles on the particle board or OSB outside of the shower: Only apply the DUSCHABDICHTUNG once with 750 g/m. At the earliest, bond the tiles after 18 hours.
- | Low temperatures and high humidity extend the drying time.
- | When working with the paint bag, it is recommended that gloves be worn.
- | DUSCHABDICHTUNG is suitable for the moisture exposure categories A0 and A (wall) as per ZDB [Zentralverband des Deutschen Baugewerbes (National Association of the German Construction Industry)] information sheet "Sealing in Association with Tiles and Slabs". The test report can be requested, if necessary.
- | Sealing of indoor spaces as per DIN 18534: DUSCHABDICHTUNG can be used with water impact categories W0-I, W1-I and W2-I* (** W2-I only on wall surfaces and surfaces without additional chemical exposure).

Product data

Quantity required	1.5 kg/m ² for two coats.
Yield	2.7 m ² (4 kg), 4.7 m ² (7 kg), 10 m ² (15 kg).
Colour hue	DUSCHABDICHTUNG Mint green. / Colour additive: black.
Density	1.5 kg/l.
Application / substrate temperature	5–25 °C. Low temperatures and high humidity extend the drying time.
Layer thickness per coat	0.5 mm (dry).
Drying times of the coatings	1 st paint coat: 6 hours, 2 nd paint coat: 18 hours.
Elongation at break	250 %.
Temperature resistance	up to 80 °C.
Ingredients	plastic dispersion, calcite fillers, pigments, defoamers, thickeners, wetting agents, preservatives (contains benzisothiazolone (BIT). May cause allergic reactions.
Ecology	solvent-free, very low emission ^{PLUS} (EMICODE EC 1 ^{PLUS}).
Package sizes	4 kg, 7 kg, 15 kg.
Shelf life	in original packaging at least: see label. Store in a frost-protected place. All times based on 15–20 °C and 65 % rel. humidity.

Test certificate

- | General building supervisory test certificate P-AB 046-03 of MPA Braunschweig as sealing in combination with tile and slab coverings for building waterproofing according to the building regulations list A part 2, no. 2.50. Approved for Load class A (wall surfaces in rooms in which service and cleaning water is handled very frequently or for long periods, e.g. around swimming pools and shower facilities (public and private)). The test certificate can be requested if required.
- | In accordance with ZDB leaflet „Notes on the execution of liquid composite waterproofing with tile and slab coverings for interior and exterior use“ can also be used for the moisture stress classes A0 and A.



Please note

- | Do not use DUSCHABDICHTUNG on waxed or lacquered chipboard or OSB boards, not outdoors or under water.
- | In public places exposed to water, use UNIVERSAL-ABDICHTUNG on the floor.
- | In conjunction with electrical floor heating systems: Preferably apply DUSCHABDICHTUNG underneath the electric floor heating. Otherwise, a drying time of 5–7 days before applying DUSCHABDICHTUNG must be observed.

Health & safety Not subject to mandatory labelling according to GHS. Remove the DUSCHABDICHTUNG with water and soap. If any DUSCHABDICHTUNG gets into the eyes, flush thoroughly with water. Call on an eye doctor if necessary. Request safety data sheet if needed or download from the Internet at www.lugato.de.

Disposal: Allow residual content to harden and dispose as domestic or construction site waste. Recycle the completely emptied packaging.

The statements made in this information sheet reflect our current knowledge and experience. Since we do not have influence on the building-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 oral consultation.

The publication of this technical information sheet invalidates the previous editions. Subject to change without prior notice.



Responsible Care (RC) for the chemical industry means taking responsible action. It makes this clear through a worldwide initiative. In many countries, chemical associations run national RC programs. In the international initiative, thousands of companies are active with millions of employees. The goal is voluntary commitment to do more than just the compulsory: Promoting sustainability, demonstrating product responsibility, creating more safety for factories and the neighbourhood, improving health protection at the workplace and improving environmental protection. In the frame of its membership in the Verband der deutschen chemischen Industrie, LUGATO has committed itself to adhere to this objective.

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

Feel free to give us a call. You can reach the LUGATO experts at: (040) 6 94 07-222.

Seminars

In cooperation with its trading associates, LUGATO is glad to pass on practical knowledge such as how to install tiles. Find more information about the current range of handyman seminars at www.lugato.de or at your local dealer.



SIMPLY DO IT YOURSELF

Ask your retailer about the "SIMPLY DO IT YOURSELF" brochure. On more than 160 pages with over 1000 illustrations from "Gluing Tiles" to "Sealing Buildings". All instructions are simply explained picture-by-picture.



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