

Liquid Sealant

codex HS 600

Ready to use, bonded sealant under interior ceramic coverings

Description:

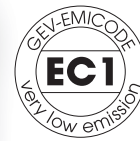
Very low emission, flexible sealant for surfaces exposed to dampness or wetting prior to installation of ceramic large and small format tiles, natural and artificial stone on interior walls and floors.

For wear classification A 1, with the general construction industry test certificate (abP) in respect of the test criteria for liquid-applied damp-proofing materials used in conjunction with large and small format tiles.

For moisture exposure classifications 0, A 01, A 02 in accordance with the ZDB publication "Notes for the application of bonded damp-proofing with large and small format tile cladding and coverings for interior and exterior locations", issued January 2005.

Amongst others suitable for/on:

- ▶ showers, bathrooms, toilets and kitchens
- ▶ domestic and commercial locations
- ▶ nursing homes and hotels
- ▶ rooms with domestic use
- ▶ concrete, brickwork, gas-concrete
- ▶ cement, lime / cement renders, plaster
- ▶ plasterboard, gypsum fibre-, dry construction boards
- ▶ tiling boards



Product Properties/Benefits:

Ready to use dispersion sealant, with thin paste consistency, supplied in two colours for a reliable, two-coat seal. codex HS 600 dries by evaporation of water and gives a well-bonded, highly flexible surface seal, onto which large and small format tiling can be directly fixed.

Composition: Modified styrol-butadiene copolymers, thickening-, wetting- and foaming agents and preservatives, mineral fillers and water.

- ▶ Ready to use for brush, roller or trowel application
- ▶ Economical consumption
- ▶ Rapid drying
- ▶ Flexible and bridges cracks
- ▶ Waterproof
- ▶ Carries official test certificate
- ▶ Solvent-free
- ▶ EMICODE EC 1/Very low emission

Technical Data:

Packaging:	plastic drum
Packsizes:	2 x 4 kg, 2 x 8 kg, 2 x 18 kg
Shelf life:	12 months
Colours:	blue + beige
Working temperature:	5 °C to 25 °C / 41 °F to 77 °F
Drying time after 1 st coat:	approx. 1 hour*
Drying time after 2 nd coat:	1 – 2 hours*

*At 23 °C / 73 °F and 50% relative humidity.

Subfloor Preparation:

The substrate must be sound, dry, level, free from cracks, clean, load-bearing and free from materials that would impair adhesion.

Test the substrate in accordance with applicable standards and notices and report any deficiencies. Mechanically prepare smooth concrete surfaces, weakly bonded or soft areas and remove all dust. According to surface type and condition, prepare with suitable primers and smoothing compounds from the codex product range. Prime gypsum-based substrates. Always allow primers to dry thoroughly.

Refer to the Product Data Sheets for the codex products used.

Application:

1. Before applying the surface seal, movement- and day-joints, other junctions, pipe-work and floor-drains must be sealed with codex Seal Tape/Security Sealing-Collar and codex HS 600.
2. Apply a full and even first coat of undiluted codex HS 600 "blue" using a lambswool roller or brush.
3. After the first, blue seal-coat has dried, a second coat of codex HS 600 "beige" must be applied. Avoid any show-through of the first coat.
4. After complete drying of the final seal-coat, small and large format tiles can be laid with the following codex thin-bed mortars: codex Power Plus, codex Power Plus Turbo, codex Power Flex, codex Power Flex Turbo, codex Power Maxx, codex Power Fluxx, codex Power Fluxx Turbo, codex Power Grip.

Consumption:

Coat thickness (dried)	Consumption
min. 0.5 mm	approx. 1.3 kg/m ²

Important Notes:

- ▶ Shelf-life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly re-seal opened containers and use as quickly as possible.
- ▶ Optimum working conditions are 15 °C – 25 °C/59 °F – 77 °F. Do not use at <5 °C/41 °F and > 35 °C/95 °F. The speed of drying depends on the temperature, air humidity, absorbency of the substrate and on the thickness of material applied. Under normal conditions at 20 °C/68 °F, before applying the 2nd coat, a minimum drying time of approx. 1 hour should be allowed.
- ▶ Fix tiling only once the final seal-coat is completely dry.
- ▶ For areas with high exposure to chemicals and acids, as well as on wood or chipboard, use products in accordance with the current codex Product Guide.
- ▶ Clean tools immediately after use with water.
- ▶ The application of codex HS 600 is always in at least two coats with a total dry thickness of at least 0.5 mm at any point.
- ▶ codex HS 600 is not a substitute for a structural damp-proof membrane in accordance with DIN 18 195. For sealing buildings against subfloor moisture, refer to the installation regulations in DIN 18 195, Part 4.
- ▶ The following standards are applicable and especially recommended:
 - DIN 18 352 "Working with large and small format tiling"
 - DIN 18 157 "Ceramic tile installation using the thin-bed-method"
 - DIN 18 195 "Construction Damp-proofing"
 - ZDB publications:
 - "Bonded damp-proofing"
 - "Large and small format floor tiling outside of buildings"
 - "Movement-joints in coverings of large and small format tiles"
 - "Interface co-ordination"
 - BEB publications:
 - "Assessment and preparation of substrates"

Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, water courses or land-fill. Empty, scraped-out and drip-free containers are recyclable [Interseroh]. Containers with liquid residues and collected, liquid product residues are Special Waste. Containers with hardened residues are Construction Waste.