June 2026

Epoxy primer

EPG 1522

Low-emission, unpigmented, two-component liquid epoxy resin. Applied as primer to stabilize friable mineral substrates and as adhesion promoter on smooth substrates, e.g. metal, mastic asphalt and existing coatings. Applied as primer prior to laying large-format tiles on calcium sulphate screeds. Freshly applied primer is blinded with either Sopro QS 507 fine silica sand or Sopro QS 511 coarse silica sand, depending on subsequent coating. Used to provide seal and barrier to capillary action in cementitious substrates, to fill cracks, to grout joints around channels and floor drains, and to produce capillary-breaking joints. Resistant to water, sea water, wastewater/sewage, alkaline solutions, diluted acids, salt solutions, mineral oils, fuels and lubricants. Used to seal capillaries in damp cementitious substrates to speed up laying of parquet, PVC etc.

- For walls and floors, indoors and outdoors
- Very-low-emission
- Working life: approx. 40 minutes
- Ready to receive covering: a. er approx. 24 hours
- Primer for Sopro PU-FD 1570/1571 waterproof membranes
- Used to produce capillary-breaking grouts
- As adhesion promoter on critical substrates prior to screeding, surface filling and tiling or application of Sopro EE 771 epoxy mortar
- Approved as system component for shipbuilding applications
- GISCODE (German hazardous substances classification): RE30
- DGNB: Top quality level 4, Line 9, based on DGNB (German Sustainable Building Council) criterion ENV1.2 Local Environmental Impact (2018 version)
- For trade applicators only!

Coverage: As primer approx. 0.250 - 0.400 kg / m² per application; as skim coat approx. 0.400 - 0.600 kg / m²

Order nr.	Delivery form	Pcs./pal.	kg/pal.
7735510	Bucket (combi pack) 10 kg	28	280 kg
7735504	Bucket (combi pack) 4 kg	42	168 kg
7735532	Pot (combi pack) 1 kg	240	240 kg

Use

As primer prior to application of waterproof membranes with Sopro PU-FD 1570/1571 surface sealant. For stabilization and sealing of open-pored or "porous" mineral substrates. As base material for preparation of capillary-sealing compounds. For sealing off calcium sulphate screeds and for installation of large-format tiles. Also as adhesion promoter for bonded mineral screeds that are likely to be subject to higher loads. Cured primer is resistant to water, salts, salt solutions, alkalis and alkaline solutions, grease, oils as well as diluted mineral acids, e.g. hydrochloric or sulphuric acid. Short-term resistance is provided against solvents such as petrol, fuels etc. Limited resistance is provided against concentrated mineral acids, organic acids, e.g. formic acid, acetic acid, lactic acid etc.

Substrate Preparation

Cementitious surfaces shall be dry, strong, with good key, free from laitance, dust and loose particles, and from oil, grease or other dirt/contamination that may impair adhesion. Where necessary, prepare substrate by sand or grit blasting, high-pressure water jetting, flame blasting, scabbling or grinding. Prepared concrete substrate shall exhibit a minimum pull-off strength of 1.0 N/mm² (determined using transportable tensile testing equipment, tensile speed 100 N/s). Concrete moisture at surface shall be less than 4% CM (determined using CM tester). Coating of mastic asphalt with epoxy resins is not recommended.

Application

Component A and Component B (curing agent) are supplied in correct mixing proportions. Add all Component B to Component A and mix very thoroughly (for approx. 3 minutes) using slow-speed mechanical stirrer (max. 200 - 400rpm) to homogeneous consistency. Also stir at sides and bottom to ensure uniform distribution of curing agent throughout mix. Transfer prepared mix to clean container and thoroughly restir.

Do not apply material directly from original supplied container. Brush or roller apply material. Material is best applied to horizontal surfaces using foam-rubber squeegee and uniformly spread by rolling. Subsequently blind freshly applied primer to excess with 0.4 – 0.8 mm Sopro QS 511 coarse silica sand. For subsequent application of Sopro PU-FD 1570/1571 surface sealant, blind to excess with 0.1 – 0.3 mm Sopro QS507 fine silica sand.

To produce capillary-breaking joints with Sopro EPG1522 epoxy primer, prepare Sopro EPG1522 as described in technical data sheet and extend using kiln-dried Sopro KQS607 crystal quartz sand and Sopro QS511 coarse silica sand in proportions 1 : 1 : 1 parts by volume (1 : 1.5 : 1.5 parts by weight).

To prepare filling mortar with Sopro EPG1522, add up to 3 parts by volume (4 parts by weight) silica sand, e.g. graded 0.6 – 1.2 mm. Consistency and porosity of mortar shall be tailored to requirements by varying quantity and grading of silica sand.

For preparation of thin load-spreading layers: please consult Sopro's Technical Service team.

Note: To ensure full curing of epoxy resin, mean substrate temperature must exceed minimum curing temperature. Temperature of relevant substrate shall be at least +3 °C above prevailing dewpoint temperature (use floor thermometer and thermo-hygrometer). Coating shall be protected from moisture action (rain, condensation) for 24 hours after application.

Note: As a general rule, outdoor coatings shall be applied where temperature is falling to prevent blistering caused by outgassing of air from substrate.

Shelf Life

Approx. 12 months (dry, unopened original container, frost-free, min. +10 °C)

Application Temperature

min. +15 °C (room and floor temperature)

Tool Cleaning

Clean tools with thinner whenever works are interrupted.

GEV Emicode

EC1PLUS very low emissionPLUS

Specified Times	Apply for normal temperature range of +20 °C and 50 % relative humidity; higher temperatures shorten and lower temperatures lengthen these times.
Test Certificates	DIN EN 14891: EPG 1522 in conjunction with PU-FD 1570/1571 and relevant tile adhesives meets requirements, including those for tensile adhesion strength after storage in chlorinated water PG-AIV-F (Criteria for Award of National Test Certificates for Liquid-Applied Waterproof Membranes Used in Conjunction with Tile Coverings): System component for national test certificate (abP) for composite waterproofing systems with membrane and tile finish, for structural waterproofing in conjunction with PU-FD 1570/1571 and other Sopro components. BG Verkehr (institution for statutory accident insurance and prevention for transport and traffic): (Test certificate in preparation)
Partial Quantities	For preparation of partial quantities, mixing ratio is A : B = 100 : 37 parts by weight / 100 : 40 parts by volume.
Mixing Ratio (2K Products)	10 kg combi pack: 7.3 kg Component A : 2.7 kg Component B 4 kg combi pack: 2.9 kg Component A : 1.1 kg Component B
Floor Heating	Suitable for underfloor heating
Chemical Resistance	Resistant to water, salts, salt solutions, alkalis and alkaline solutions, grease, oils as well as diluted mineral acids, e.g. hydrochloric or sulphuric acid. Short-term resistance against solvents such as petrol, fuels etc. Limited resistance against concentrated mineral acids, organic acids, e.g. formic acid, acetic acid, lactic acid etc.
BG Verkehr	Approval for shipbuilding in Sopro System 2.10 (decorative veneers), MED approval no. 118517-00, USCG approval no. 164.112/EC0736/118517-00. Wet application quantity EPG 1522: approx. 375 g/m². Other components in Sopro System 2.10: PU-FD 1570, KM 027, QS 507, QS 511, No. 1 400, fine stoneware tile (approx. 7 mm) and TF+. Total thickness: approx. 12 mm. Approval for shipbuilding in Sopro System 3.15 (floor coverings), MED approval no. 124175-00, USCG approval no. 164.117/EC0736/124175-00. Wet application quantity EPG 1522: approx. 375 g/m². Other components in Sopro System 3.15: PU-FD 1571, KM 027, QS 507, QS 511, No. 1 400, fine stoneware tile (approx. 7 mm) and TF+. Total thickness: approx. 12 mm.
Working Life	Approx. 50minutes at +15°C; approx. 40minutes at +20 °C; approx. 20minutes at +30 °C
Overcoatable	After 18 - 24 hours, though at latest after 48 hours at 20 °C
Fully Cured	2 - 3 days until mechanical loading; 7 days until chemical loading at 20 °C
Walkable	After 14 - 18 hours at 20 °C
Giscode A	RE1

Safety instructions

Component A
Regulation (EC) No 1272/2008 (CLP)
GHS07
The product is not considered hazardous according to CLP Regulation 1272/2008/EC.
Signal word Attention
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.
Contains epoxy constituents. May produce an allergic reaction.

Wash ... thoroughly after handling.
Avoid release to the environment.

Collect spillage.

Contains: Contains Bisphenol A diglycidyl ether. Contains Oxirane, mono[(C12-14-alkyloxy)methyl] derivs..
UN no.: 3082
ADR road transport: 9
ADR packing group: III
German Water Hazard Class: German Water Hazard Class (WGK) 2: significantly hazardous to water
GISCODE: RE1

Component B
Regulation (EC) No 1272/2008 (CLP)
GHS05
GHS07
Signal word Danger
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

Avoid release to the environment.

Immediately call a POISON CENTER/doctor/…
Contains: Contains m-phenylenebis(methylamine). Contains 3-aminomethyl-3,5,5-trimethylcyclohexylamine. Contains Phenol, styrenated. Contains Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-.
UN no.: 2735
ADR Designation: Tunnel restriction code: E
ADR road transport: 8
ADR packing group: II
German Water Hazard Class: German Water Hazard Class (WGK) 2: significantly hazardous to water

Please observe the current version of the product information, the currently valid declaration of performance under the EU Construction Products Regulation, and the latest version of the relevant safety data sheet to EC Regulation No 1907/2006, also available from the Internet at www.sopro.com! This document serves as a product description and sets out general details, based on empirical and test data, that take no account of specific cases of application. No liability may be construed and no claims shall be accepted in respect of these details. Should you require assistance, please contact our Technical Counselling Service.

Disposal

Component A: Waste treatment methods
The generation of waste should be avoided or minimized wherever possible. Recover if possible.
A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage. Contact and send to an authorized waste disposal service.
Methods of disposal:
Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.
Do not dispose of waste into sewers.
Hazardous waste: Yes
Disposal considerations:
Do not allow to enter drains or watercourses.
Dispose of product according to all federal, state and local applicable regulations.
If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.
Special precautions:
This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Empty containers or liners may retain some product residues. Do not re-use empty containers.

Component B: Waste treatment methods
The generation of waste should be avoided or minimized wherever possible. Recover if possible.
A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage. Contact and send to an authorized waste disposal service.
Methods of disposal:
Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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