

Synthetic resin primer

GD 749



Quick-drying, highly concentrated, solvent-free, synthetic resin primer for high- and variable-suction substrates. For pretreatment of cement screeds, calcium sulphate screeds, board subfloors, gypsum plasterboard and gypsum fibreboard, lime/cement render and gypsum plasterwork. For subsequent application of mineral adhesives, surface fillers and waterproof membranes. Dilutable with water to suit application. Apply to gypsum-bound substrates in undiluted form.

- For walls and floors, indoors and outdoors
- Suitable for use in conjunction with wall and floor heating
- Ready to receive covering: after approx. 10 minutes at +23 °C; on gypsum- and calcium sulphate-based substrates after approx. 12 hours
- Solvent-free
- GISCODE (German hazardous substances classification): D1
- DGNB: Top quality level 4, Line 9, based on DGNB (German Sustainable Building Council) criterion "ENV1.2 Local Environmental Impact" (2018 version)
- For healthy living: Recommended by Sentinel Haus Institut

Coverage: 100 - 200 g / m² depending on surface texture

Packaging		Packages	Pallet weight
Canister	1 kg	384	384 kg
Canister	5 kg	90	450 kg
Canister	10 kg	60	600 kg
Canister	25 kg	24	600 kg
Drum	200 kg	2	400 kg
Container (IBC)	1000 kg	1	1000 kg

Use	Sopro GD 749 primer reduces absorbency and evens out variable suction in substrate. It stabilizes friable surfaces and binds loose particles. Sopro GD 749 improves adhesion. Sopro GD 749 prevents bubbling where overcoated by surface fillers and waterproof membranes; premature water loss is prevented where thin-bed tile adhesives and waterproof membranes are subsequently applied.
substrate preparation	Substrate shall be dry, strong, crack-free, dimensionally stable and free from adhesion-impairing substances (e.g. dust, oil, wax, release agent, efflorescence, laitance, paint, lacquer and varnish residue). Fill any existing cracks in screed with Sopro GH 564 casting resin. Calcium sulphate (anhydrite) screeds shall exhibit a moisture content $\leq 0.5\%$ CM (heated screed $\leq 0.3\%$ CM – see ZDB (Federation of the German Construction Industry) data sheet "Ceramic tiling, natural and cast stone coverings to calcium sulphate screeds") and be ground and vacuum-cleaned. Screeds incorporating Sopro Rapidur [®] B1 binder are ready to receive topping after only 12 hours. Cement screeds shall be 28 days old and dry ($\leq 2.0\%$ CM). Prior to flooring installation, screeds incorporating heating elements shall be heated up to ensure adequate drying or heated up and allowed to cool in accordance with relevant procedures and standards. Gypsum plasterwork shall be dry, single-coat and shall not be felt-floated or smoothed. Thin surface filler coats shall be removed. All relevant standards, guidelines and recommendations shall apply; workmanship shall comply with good practice.
Application	Stir or shake prior to use and apply by paint brush, block brush or roller. Apply material moderately so as to avoid puddling and skinning. Work may resume immediately after priming coat has fully dried through.
Application temperature	Between +5 °C and max. +30 °C
Disposal	Empty containers with fully dried residue may be disposed of as construction waste. Properly emptied containers that have been scraped clean may be handed over for recycling.
Flash-off times	Approx. 5 - 10 minutes at +23 °C, approx. 15 minutes at +5 °C; on gypsum- and calcium sulphate-based substrates: approx. 12 hours.
Note	Following applies for calcium sulphate screeds (moisture-sensitive): Tiles of size ≤ 0.18 m ² (as "special", i.e. non-standardized, construction; under DIN 18157, tile size shall be limited to ≤ 0.16 m ²): Sopro GD 749 primer (undiluted, working crosswise where necessary, flash-off time min. 12 hours) Tiles of size ≤ 1.0 m ² : Sopro SG 602 primer-sealer (diluted 1:1 with water; where necessary, second coat applied crosswise) in conjunction with rapid-set tile adhesive. Tiles of size ≥ 1.0 m ² : Sopro MGR 637 multi-purpose primer/Sopro EPG 522 epoxy primer in conjunction with S2-grade Sopro adhesive with high crystalline water binding capacity.
Shelf life	Approx. 12 months, subject to cool storage in well sealed containers; protect from frost
Specified times	Apply for normal temperature range of +23 °C and 50 % relative humidity; higher temperatures shorten and lower temperatures lengthen these times.
Suitable substrates	Absorbent substrates such as cement render, lime/cement render, gypsum plaster, renders made from masonry cement, masonry, concrete, aerated concrete, paperless gypsum panels, gypsum plasterboard and gypsum fibreboard, cement screeds, calcium sulphate screeds, magnesium oxychloride (magnesite) screeds
Tool cleaning	Wash tools with water immediately after use
Tools	Lambswool roller, foam roller, paint brush, block brush

dilutability	Where applied to very high-suction substrates prior to wallpapering or where applied in several coats, Sopro GD 749 may be diluted 1 : 6 with water. Where applied prior to tile adhesives or waterproof membranes, Sopro GD 749 may be diluted up to max. 1 : 1 with water. With gypsum-based and calcium sulphate substrates, apply only in undiluted form.
Test certificates	DIN EN 14891: GD 749 in conjunction with DSF 423, DSF 523, DSF RS 623, TDS 823 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) based on system test in conjunction with DSF 423, DSF 523, DSF RS 623, TDS 823, FDF 525/527 and relevant tile adhesives, as well as other Sopro components PG-MDS (Criteria for Award of National Test Certificates for Mineral Sealing Slurries for Structural Waterproofing): National test certificate (abP) in conjunction with TDS 823 and ZR 618 ETAG: European technical approval (ETA): System component of ETA no.13/0154 under ETAG 022 Part 2
Licence	EMICODE system of GEV (German Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials): EC1 ^{PLUS} ("very-low-emission-plus") rating
Safety precautions	Exempt from labelling requirements under Regulation (EC) No 1272/2008 (CLP). EUH208 Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction. EUH208 Contains a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one in proportions 3 : 1. May produce an allergic reaction. EUH210 Safety data sheet available on request P102 Keep out of reach of children. German Water Hazard Class (WGK) 1 (slightly hazardous to water) GISCODE D1
Disposal Considerations	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. Clean waste packaging should be recycled when possible and authorized by the authority. Hazardous waste: No 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.

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.

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