May 2026

Special synthetic resin primer

SG 602

Special, solvent-free, one-component, synthetic resin primer for high- and variable-suction substrates. Dilutable with water to suit application. Specifically for calcium sulphate screeds when laying large-format fully vitrified stoneware units. Particularly suitable for subsequent application of mineral adhesives, surface fillers and waterproof membranes.

- For walls and floors, indoors
- Specifically for calcium sulphate and self-levelling calcium sulphate screeds when laying large-format fully vitrified stoneware units ≤ 1 m²
- As universal primer, dilutable 1:4 (dust-binding)
- In undiluted form also suitable for non-absorbent substrates
- For cementitious substrates, can be mixed up to ratio of max. 1:3
- For cement and lime render, can be mixed up to ratio of max. 1:4
- Overcoatable: after 2 - 5 hours
- Acting as barrier coat
- Suitable for use in conjunction with floor heating
- Solvent-free
- GISCODE (German hazardous substances classification): D1

Coverage: 50 - 150 g/ m² depending on substrate suction. For calcium sulphate - based substrates, 100 - 150 g/ m². Additional crosswise application is required in case of very high substrate suction.

Order nr.	Delivery form	Pcs./pal.	kg/pal.
7760220	Canister 20 kg	24	480 kg
7760210	Canister 10 kg	60	600 kg
7760205	Canister 5 kg	90	450 kg

Use	Sopro SG 602 primer reduces absorbency and evens out variable suction in substrate. It protects against moisture from bedding adhesive. It stabilizes friable surfaces and binds loose particles. Sopro SG 602 improves adhesion. It 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. As primer on calcium sulphate screeds for normal and rapid-set Sopro thin-bed adhesives, for tile sizes ≤ 1 m^2.
Substrate Preparation	Substrate shall be dry, strong, crack-free, dimensionally stable and free from adhesion-impairing sub¬stances (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 ≤ 0.5% CM (for heated screeds ≤ 0.3% CM) to DIN 18 157 and be ade¬quately ground and vacuum-cleaned. Cement screeds shall be 28 days old and dry (≤ 2.0% CM). Prior to flooring installation, screeds incorpo¬rating 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.
Dilutability	Dilute 1 : 1 with water on cementitious and calcium sulphate-based substrates. Apply in undiluted form to non-absorbent substrates (e.g. for priming prior to tile-on-tile laying).
Suitable Substrates	Absorbent substrates such as cement render, lime/cement render, gypsum plaster, homogeneous, flush-jointed masonry (no composite masonry), concrete, aerated concrete, paperless gypsum panels, gypsum plasterboard and gypsum fibreboard, cement screeds, calcium sulphate screeds, natural stone, cast stone and terrazzo. For ceramic tiles and natural stone. Only use on timber substrates that are insensitive to moisture. Do not use on substrates exposed to risk of rising damp. For priming prior to tile-on-tile laying
Note	Use Sopro MGR 637 multi-purpose primer or Sopro EPG 1522 epoxy primer where tiles of size > 1.0 m^2 are to be laid on calcium sulphate-based substrates. Sopro EPG 1522 shall always be used for magnesium oxychloride (magnesite) screeds. For application of Sopro SG 602 to terrazzo, sand down terrazzo and ensure it is free from waxes andother adhesion-impairing substances. In relation to timber substrates, do not use Sopro SG 602 on woodstained and untreated wood or on timber floorboards. For large-format tiles (e.g. > 0.36 m^2 tile size), we recommend a fast setting and fast drying Sopro tile adhesive in combination with Sopro SG 602.
Shelf Life	Approx. 12 months, subject to cool storage in well sealed containers; protect from frost
Application Temperature	From +5 °C to max. +25 °C
Tools	Lambswool roller, foam roller, paint brush, block brush
Tool Cleaning	Wash tools with water immediately after use
GEV Emicode	EC1PLUS very low emissionPLUS

Specified Times	Apply for normal temperature range of +23 °C and 50 % relative humidity; higher temperatures shorten and lower temperatures lengthen these times.
Test Certificates	PG-AIV-F: System component of the general building authority test certificate (abP) for waterproofing systems in combination with tiles and paving for structural waterproofing in combination with DSF SL 1525 and other Sopro components
Disposal	Properly emptied and cleaned containers may be handed over for recycling.
Overcoatable	After 2 – 5 hours, depending on substrate suction, indoor environmental conditions and application temperature. Sopro SG 602 should in any case be left to dry for no longer than 24 hours.
Safety instructions	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. Safety data sheet available on request. **Contains:** Contains 1,2-benzisothiazol-3(2H)-one. Contains reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one. German Water Hazard Class: German Water Hazard Class WGK 1 (slightly hazardous to water)
Disposal Considerations	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.

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