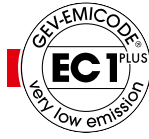




# Sopro SG 602

## Primer-sealer



Special, solvent-free, one-component synthetic resin primer for high- and variable-suction substrates. Particularly suitable for subsequent application of mineral adhesives, surface fillers and waterproof membranes.

- For walls and floors, indoors
- Particularly suitable for calcium sulphate screeds and self-levelling calcium sulphate screeds
- Acting as barrier coat against adhesive/mortar moisture
- Overcoatable after 2–5 hours
- Dilutable 1 : 1 with water, depending on application
- Suitable for floor heating systems
- Solvent-free
- GISCODE (German hazardous substances classification): D1
- EMICODE system of GEV (German Association for Control of Emissions in Products for Flooring Installation): EC1<sup>PLUS</sup> ("very-low-emission-plus") rating
- DGNB (German Sustainable Building Council): Top quality level 4, Line 8<sup>1)</sup>

### 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<sup>2</sup>.

### 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. 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.

### Application temperature

Between +5 °C and max. +35 °C

### Overcoatability

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.

### Coverage

Approx. 50–150 g/m<sup>2</sup> depending on substrate suction. For calcium sulphate-based substrates, 100–150 g/m<sup>2</sup>. Additional crosswise application is required in case of very high substrate suction.

### Shelf life

Approx. 24 months, subject to cool storage in well sealed containers. Protect from frost

### Packaging

20 kg canister, 10 kg canister, 5 kg canister

<sup>1)</sup> Based on DGNB (German Sustainable Building Council) criterion "ENV1.2 Local Environmental Impact" (2015 version).

## Substrate preparation

Substrate should 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 should exhibit a moisture content  $\leq 0.5\%$  CM (for heated screeds  $\leq 0.3\%$  CM) to DIN 18 157 and be adequately ground and vacuum-cleaned.

Cement screeds must be 28 days old and dry ( $\leq 2.0\%$  CM). Prior to flooring installation, screeds incorporating heating elements should be heated up to ensure adequate drying or heated up and allowed to cool in accordance with relevant procedures and standards. Gypsum plasterwork must be dry, single-coat and should not be felt-floated or smoothed. Thin surface filler coats must be removed. All relevant standards, guidelines and recommendations apply; workmanship must comply with good practice.

## Application

Stir or shake prior to use and apply by paint brush, block brush or roller. Apply material moderately to avoid puddling and skinning. Work may resume immediately after priming coat has fully dried through. Waiting time of no longer than 24 hours are recommended.

## Dilutability

Dilute 1:1 with water on cementitious and calcium sulphate-based substrates.  
Apply in undiluted form to non-absorbent substrates.

## Note

Use Sopro MGR 637 multi-purpose primer or Sopro EPG 522 epoxy primer where tiles of size  $> 1.0 \text{ m}^2$  are to be laid on calcium sulphate-based substrates.

Sopro EPG 522 shall always be used for magnesium oxychloride (magnesite) screeds.

For large-format tiles (e.g. of size  $> 0.36 \text{ m}^2$ ), use of rapid-set, rapid-drying bedding adhesives is recommended in conjunction with Sopro SG 602.

## Specified times

Apply for normal temperature range of  $+23^\circ\text{C}$  and 50% relative humidity; higher temperatures shorten and lower temperatures lengthen these times.

## Tools/tool cleaning

Lambswool roller, foam roller, paint brush, block brush; wash tools with water immediately after use.

## Disposal Considerations

Properly emptied and cleaned containers may be handed over for recycling.

## Licence

**EMICODE system of GEV (German Association for Control of Emissions in Products for Flooring Installation):** EC1<sup>PLUS</sup> ("very-low-emission-plus") rating

## Safety precautions

All standard precautions for the handling of construction materials/chemicals shall be taken.

**Supplemental hazard information:** EUH210 Safety data sheet available on request. Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction. Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

**Precautionary statements:** P102 Keep out of reach of children. P332+P313 If skin irritation occurs: Get medical advice/attention.

**German Water Hazard Class (WGK) · WGK 1:** slightly hazardous to water (self-assessment in accordance with VwVwS – German Administrative Regulations on the Classification of Substances Hazardous to Waters into Water Hazard Classes – of 17.05.1999)

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FOR MORE INFORMATION CONTACT:

**Smet Building Products Ltd** | 93A Belfast Road | Newry | BT34 1QH | Northern Ireland  
T: +44 (0) 28 3026 6833 | F: +44 (0) 28 3026 7619 | E: info@smetbuildingproducts.com

[www.smetbuildingproducts.com](http://www.smetbuildingproducts.com) or [www.smet.ie](http://www.smet.ie)



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