

## Sopro GD 749 Universal Floor and Wall Primer

Light-blue, solvent-free, fast-drying, synthetic resin primer for high or variable suction substrates. For pretreatment of cement screeds, calcium sulphate-based screeds, board subfloors, gypsum plasterboard & gypsum fibreboard, lime/cement render and gypsum plasterwork. Water soluble for application to high-suction substrates. Use Sopro GD 749 primer only in concentrated form with gypsum-bound substrates, calcium sulphate screeds or when used for priming prior to application of self levelling floor screed compounds.

- Quick Drying
- Suitable for calcium sulphate screeds in one coat
- May be diluted with water depending on application
- High penetration
- Suitable for floor heating systems
- Solvent-free
- 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\*
- For indoor and outdoor use

### Field Of Application

Sopro GD 749 primer reduces absorbency and evens out variable suction in substrate. It stabilizes friable surfaces, binds loose particles and improves adhesion. Sopro GD 749 primer prevents pin-holes when self levelling compounds are used, thus premature water loss is prevented where thin-bed tile adhesives are subsequently applied.

### Suitable Substrates

Absorbent substrates such as cement render, lime/cement render, gypsum plaster, renders made from masonry cement, concrete, aerated concrete, paperless gypsum panels, gypsum plasterboard and gypsum fibreboard, cement screeds, calcium sulphate-based screeds, magnesium oxychloride (magnesite) screeds.

### Substrate & Preparation

The 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 cast resin. Calcium sulphate-based screeds should exhibit a moisture content  $\leq 0.5\%$  CM or  $\leq 0.3\%$  CM when underfloor heating is present and be adequately sanded and vacuum-cleaned where surface laitance is present. Cement based screeds must be 28 days old and dry ( $\leq 2.0\%$  CM). Prior to flooring installation, screeds incorporating underfloor

heating should be heated up to ensure adequate drying or heated up and allowed to cool in accordance with relevant procedures and standards. Gypsum plasterwork should be dry, single-coat and should not be steel floated (glass finish). Where Gypsum plasterwork is steel floated, use Sopro HPS 673 primer. All relevant standards, guidelines and recommendations apply; workmanship should comply with good practice.

### Application

Stir or shake prior to use and apply by brush. Apply material moderately so as to avoid puddling and skin formation. Work may resume immediately after the priming coat has fully dried through. Where applied to extremely high-suction substrates or in several coats, Sopro GD 749 may be diluted 1 : 1 with water. Apply only in undiluted form to gypsum and calcium sulphate-based substrates or where self-levelling floor screed compounds are to be subsequently applied. Allow to fully dry for approx 12 hours.

### Calcium Sulphate Floor Screed Anhydrite & Alpha Hemihydrate

Moisture Content – The screed should be dry. Unlike cement based materials which can remain strong even when wet, calcium sulphate based materials gain strength by a process of crystallization and must be fully dry before covering. Moisture content can be checked with a calcium carbide moisture meter or Gann Hydromette CM meter, a reading of  $\leq 0.5\%$  moisture indicates the screed is dry, however  $\leq 0.3\%$  should be achieved when underfloor heating is present. When checked by using a hair hygrometer, a reading of  $\leq 75\%$  after 48 hours indicates the screed is dry. When using Sopro AHK 560 CA Tile Adhesive and no Underfloor Heating is present, the residual moisture content in the Calcium Sulphate screed may be  $\leq 1.0\%$ . For laying tiles with edge length exceeding 600 mm or of size exceeding 0.2 m<sup>2</sup> on calcium sulphate based substrates use Sopro MGR 637 multi-purpose primer or Sopro GD 749 with the appropriate Sopro Tile Adhesive. When used in conjunction with Sopro FKM 600 Silver multi-purpose flexible tile adhesive, Sopro VF HF 420 VarioFlex® high-strength flexible tile adhesive, Sopro MEG 666 megaFlex S2 turbo highly flexible tile adhesive or Sopro MEG 667 megaFlex TX highly flexible tile adhesive, Sopro GD 749 (undiluted) is suitable for tiles of size up to 1.0 m<sup>2</sup>. Please contact our technical team for further advice or refer to our tiling brochure for the correct adhesive selection.

\* Based on DGNB (German Sustainable Building Council) criterion 'ENV1.2Local Environmental Impact' (version 2015).

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### Restrictions

During application the temperature must not drop below +5 °C or rise above +30°C.

### Specified Times

Apply for normal temperature range of +23°C and 50% relative humidity; higher temperatures shorten and lower temperatures lengthen these times.

### Yield

100 – 200 g/m<sup>2</sup> depending on substrate absorption.

### Tools/Cleaning

Lambswool roller, foam roller, brush, block brush. Once dried, primer is difficult to remove, thus care should be taken to clean tools quickly before the primer dries. Wash tools with water immediately after use.

### Packaging

25kg, 10kg, or 5kg canisters and 1kg bottle.

### Storage

Protect from frost. In original sealed containers, material can be stored for at least 24 months.

### Test Certificates

Available on request. European technical approval:– System component of ETA no. 13/0154 under ETAG 022 Part 2.

### 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.

### Disposal Considerations

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. 13.1. Waste treatment methods. Recover if possible. In so doing, comply with the local and national regulations currently in force. 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments. Disposal of hardened product (EC waste code) : 08 04 10 Disposal of not hardened

product (EC waste code) : 08 04 14. The suggested European waste code is just based on the composition of the product. According to the specific process or application field a different waste code may be necessary.

### Safety

Avoid contact with skin and eyes. Avoid inhaling vapour or mist. In case of skin contact: wash with plenty of water and soap. In case of eyes contact: rinse immediately with plenty of water for at least 10 minutes. Ensure good ventilation. Use goggles, and gloves. Do not eat or drink while working. Not classified as dangerous under Regulation (EC) No 1272/2008 (CLP). See Sopro Health and Safety Data Sheet for more detailed safety information. All standard precautions for the handling of construction materials/chemicals must be taken.

**EUH208** Contains 1,2-benzisothiazol-3(2H)-one. 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. Avoid contact with skin.

**EUH210** Safety data sheet available on request.

### 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)

**GISCODE (German hazardous substances classification): D1**



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