

Sopro HPS 673 Bonding Primer

Special light-grey, polymer dispersion-based, silica sand-modified, solvent-free primer, applied as bonding layer to impervious, smooth and non-absorbent substrates prior to surface filler application or tile laying.

- Ready-to-use and quick-drying
- Ideal for renovation and refurbishment
- High coverage
- Suitable for floor heating systems
- Approved for shipbuilding
- For walls and floors
- Solvent-free
- EMICODE system of GEV (German Association for Control of Emissions in Products for Flooring Installation): EC1^{PLUS} ('very-low-emission-plus') rating
- DGNB (German Sustainable Building Council): Top quality level 4, Line 8¹⁾
- For indoor and outdoor use

Field Of Application

Sopro HPS 673 Bonding Primer is used for the preparation of dense, smooth, closed-pore substrates to guarantee adhesion of surface fillers and tile adhesives. Sopro HPS 673 also prevents unwanted chemical reactions between old, organic PVC, carpet or parquet adhesive residue and hydraulically setting surface fillers and adhesives. When applied as pretreatment to timber materials, Sopro HPS 673 prevents swelling of the substrate. Application of Sopro HPS 673 special primer provides surfaces with good key. Not suitable for underwater applications.

Suitable Substrates

Smooth and non-absorbent substrates, e. g. existing ceramic tile, terrazzo, natural and cast stone coverings; mastic asphalt screeds without sand surfacing, asphalt tiles, magnesium oxychloride (magnesite) screeds, non-absorbant concrete; timber substrates, e. g. particleboard and lightly sanded parquet. Existing, firmly adhering uPVC and linoleum flooring, concrete sealers and screed coatings, adhesive residue from PVC flooring, carpeting or parquet.

Substrate Preparation

The substrate should be solid, strong, rigid, permanently dry, clean and free from dirt, oil, wax, dust and loose particles. All relevant standards, guidelines and recommendations apply; workmanship must comply with good practice.

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

Application

Stir prior to use and apply in uniform, thin coat using brush, roller or smoother. Apply material moderately so as to avoid puddling. Work may resume immediately after priming coat has fully dried through. Sopro HPS 673 bonding primer must not be applied in undiluted form. Note: Not suitable for underwater applications.

Specified Times

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

Licence

EMICODE system of GEV (German Association for Control of Emissions in Products for Flooring Installation): EC1^{PLUS} ('very-low-emission-plus') rating.

Sopro HPS 673 Bonding Primer

Test Certificates

BG Verkehr (institution for statutory accident insurance and prevention for transport and traffic): – Approval for shipbuilding in Sopro System 2.1 (wall), MED approval no. 118.222, USCG approval no. 164.112/EC0736/118.222. Wet-applied quantity Sopro HPS 673: max. 330 g/m². Other components in Sopro System 2.1: Sopro FKM XL 444 multi-purpose eXtraLight flexible tile adhesive, fully vitrified stoneware tile (thickness 5 mm), Sopro FEP epoxy tile grout. Joints ≤ 4 mm.

– Approval for shipbuilding in Sopro System 2.5 (wall), MED approval no. 118.405, approval no. 164.112/EC0736/118.405. Wet-applied quantity Sopro HPS 673: max. 200 g/m². Other components in Sopro System 2.5: Sopro FKM XL 444 multi-purpose eXtraLight flexible tile adhesive, fully vitrified stoneware tile (thickness 8 mm), Sopro FEP plus epoxy tile grout. Joints ≤ 6 mm.

– Approval for shipbuilding in Sopro System 3.1 (floor), MED approval no. 124.096, USCG approval no. 164.117/EC0736/124.096. Wet-applied quantity Sopro HPS 673: max. 330 g/m². Other components in Sopro System 3.1: Sopro FKM XL 444 multi-purpose eXtraLight flexible tile adhesive, fully vitrified stoneware tile (thickness 5 mm), Sopro FEP epoxy tile grout. Joints ≤ 4 mm.

– Approval for shipbuilding in Sopro System 3.7 (floor), MED approval no. 124.126, USCG approval no. 164.117/EC0736/124.126. Wet-applied quantity Sopro HPS 673: max. 200 g/m². Other components in Sopro System 3.7: Sopro FKM XL 444 multi-purpose eXtraLight flexible tile adhesive, fully vitrified stoneware tile (thickness 8 mm), Sopro FEP plus. Joints ≤ 6 mm.

– Approval for shipbuilding in Sopro System 3.9 (floor) MED approval no. 124.125, USCG approval no. 164.117/EC0736/124.125. Wet-applied quantity Sopro HPS 673: max. 280 g/m². Other components in Sopro System 3.9: Sopro FKM XL 444 multi-purpose eXtraLight flexible tile adhesive, Sopro FAS 551 fibre-reinforced self-levelling filler, fully vitrified stoneware tile (thickness 8 mm), Sopro TF+ high strength tile grout. Joints ≤ 6 mm. Please observe technical product information for relevant system components.

Colour

Light Grey

Coverage

Approx. 150 g/m² depending on substrate.

Drying Time

Approx. 1 – 2 hours

Tools and Cleaning

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

Packaging

Buckets: 10 kg; 5 kg; 3 kg and 1 kg pots (10 no. in box)

Storage

Protect against sub-zero temperatures and frost. In original sealed containers, material can be stored for approx. 12 months.

Disposal Considerations

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

Not classified as dangerous under Regulation (EC) No 1272/2008 (CLP). 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

