

Technical Product Information

Primers and bonding agents

Sopro HPS 673

Bonding primer with silica sand

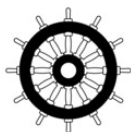
HPS 673



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 tiling. Particularly suitable for laying on existing ceramic coverings. Also used as bonding primer on timber and mastic asphalt screeds and existing firmly adhering adhesive residue, lacquers/varnishes and PVC coverings.

- For walls and floors, indoors and outdoors
- Water- and solvent-free
- High coverage
- Drying time: 1-2 hours
- Suitable for use in conjunction with wall and floor heating
- Approved as system component for shipbuilding applications
- 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: Approx. 150 g/m² depending on substrate



Packaging		Packages	Pallet weight
Can	1 kg	270	270 kg
Bucket	3 kg	147	441 kg
Bucket	5 kg	80	400 kg
Bucket	10 kg	64	640 kg

Use	For preparation of dense, smooth, closed-pore substrates to guarantee adhesion of surface fillers and tile adhesives. Sopro HPS 673 bonding primer also prevents unwanted chemical reactions between old, organic PVC, carpet, parquet or adhesive residue and hydraulically setting surface fillers and adhesives. When applied as pretreatment to timber materials, Sopro HPS 673 prevents swelling of substrate. Application of Sopro HPS 673 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 blinding, asphalt tiles, magnesium oxychloride (magnesite) screeds, non-absorbent concrete; timber substrates, e.g. particleboard and scuff-sanded parquet. Existing, firmly adhering uPVC and linoleum flooring, concrete sealers and screed coatings, adhesive residue from PVC flooring, carpeting or parquet.
substrate preparation	Substrate shall be solid, strong, rigid, permanently dry, clean and free from dirt, oil, wax, dust and loose particles. All relevant standards, guidelines and recommendations shall apply; workmanship shall comply with good practice.
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 shall be applied in undiluted form. Note: Not suitable for underwater applications!
Application temperature	From +5 °C
Note	Not suitable for underwater applications!
Product colour	silvergrey
Shelf life	Approx. 12 months in original unopened 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.
Tool cleaning	Wash tools with water immediately after use
Tools	Lambswool roller, foam roller, smoother, brush; wash tools with water immediately after use.
drying time	1 – 2 hours
Test certificates	BG Verkehr (institution for statutory accident insurance and prevention for transport and traffic): Approval for shipbuilding as system component with FKM XL 444 and FEP (wall and floor) BG Verkehr (institution for statutory accident insurance and prevention for transport and traffic): Approval for shipbuilding as system component with FAS 551, FKM XL 444 and TF+ (floor)
BG Verkehr	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. 118222-02, USCG approval no. 164.112/EC0736/118222-02. Quantity of the wet application Sopro HPS 673: max. 330 g/m ² . 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 3.1 (floor), MED approval no. 124096-02, USCG approval no. 164.117/EC0736/124.096-02. Quantity of the wet application Sopro HPS 673: max. 330 g/m ² . 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 3.9 (floor) MED approval no. 124125-01, USCG approval no. 164.117/EC0736/124125-01. Quantity of the wet application 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 (minimum size 145mm; thickness 8 mm), Sopro TF+ high-strength tile grout. Joints ≤ 6 mm. Total thickness ca. 25mm. Please observe technical product information for relevant system components.

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. P332+P313 If skin irritation occurs: Get medical advice/attention.
 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 D1

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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.