

## SOVALIT K

Art. No. 1.5 mm 50150  
 Art. No. 2.0 mm 50200  
 Art. No. 3.0 mm 50300



### Product description

Organically bound plaster with scraped texture finish similar to mineral plaster for high quality façade coatings.

### Properties

- Easy to use.
- High adherence and shock resistance. UV resistant.
- Appealing, even texture finish.
- Water repellent and water vapour permeable.
- Insensitive to aggressive factory fumes.
- High resistance to fungal and algae growth.

### Fields of application

SOVALIT K is suitable for outdoors. Due to its high resistance to mechanical stress, high elasticity and excellent colour stability over many years SOVALITK is especially suitable for SOVATHERM external thermal insulation composite systems.

### Substrate

Substrates must be clean, dry and stable. All lime cement and cement plasters of mortar groups CS II to CS IV in accordance with DIN EN 998-1 and pretreated concrete surfaces are suitable. Remove dust and loose contamination by high-pressure water jet. Prime with SOVA Quartz Primer diluted with max. 10 % water. Consolidate brittle old plaster surfaces one or twice with SOVA Primer L or Primer W. Observe technical data sheets. With critical substrates please contact our technical advisory service.

### Application

**Manual:** SOVALIT K is ready for use. Adjust the application consistency by adding max. 2 % water depending on the substrate. Apply the plaster by stainless steel smoothing trowel. Then smooth out down to grain size and texture by plastic smoothing trowel according to the desired texture finish. To avoid overlaps, finish continuous surfaces without interruptions.

**Mechanical:** adjust the desired consistency by adding max. 2 % water and apply by hopper gun or standard fine plastering machine.

**Drying time:** superficially dry after approx. 24 hours at +20 °C and 65 % rel. air humidity. Fully dry, stress resistant and overcoatable after approx. 2-3 days. Low temperatures and high air humidity slow down the drying process accordingly.

Minor colour deviations are possible due to the use of natural aggregates. Therefore, only use material with the same production number for continuous surfaces or mix material with different production numbers with each other beforehand. Do not apply at temperatures below +5 °C (air or component). Protect fresh plaster from too quick drying and frost. The application method, the tools used and the substrate have a major influence on the result. The aforementioned tools are recommendations only.

### Consumption

<b>1.5 mm</b>	approx. 2.4 kg / m <sup>2</sup>	<b>2 mm</b>	approx. 3.0 kg / m <sup>2</sup>	<b>3 mm</b>	approx. 4.0 kg / m <sup>2</sup>
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These figures are average values. The actual consumption depends on the application method used and the nature of the substrate. Carry out a test application to determine the exact consumption rates.

# TECHNICAL DATA SHEET

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### Technical information

Binder	polymer dispersion
Colour	white / tintable at works according to SOVACOLOR system
Liquid water permeability W	< 0.05 [kg/ (m <sup>2</sup> · h <sup>0.5</sup> )], class W <sub>3</sub> according to EN 1062-3
Water vapour transmission rate V	71-80 [g/(m <sup>2</sup> · d)], class V <sub>2</sub> according to EN 1062-3
Diffusion-equivalent air layer thickness s <sub>d</sub>	0.25-0.3 [m] acc. to EN ISO 7783-2
Density	approx. 1.80 g / cm <sup>3</sup>
pH value	9-10

These figures are average values. The actual values of product deliveries may vary slightly due to the use of natural raw materials in our products.

### Certificates / Approvals

ETA 10/0205 European Technical Approval for SOVATHERM EPS Premium  
ETA 06/0183 European Technical Approval for SOVATHERM EPS  
Z-33.84-705 General Technical Approval for SOVATHERM EPS  
P6585-1/3/5/7/9 Test Reports by KIWA Polymer-Institut, impact resistance of SOVATHERM EPS Premium

### Safety

This product is subject to labelling in accordance with the applicable EU Directive. Observe safety data sheet. Hazard information: R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety advice: S2 Keep out of the reach of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29 Do not empty into drains. S36 Wear suitable protective clothing. S46 If swallowed, seek medical advice immediately and show this container or label.

<b>Delivery form</b>	25 kg plastic bucket
<b>Storage</b>	Cool and frost-free. Storage stability in original container: approx 12 months. Once opened, seal containers airtight and use up quickly.
<b>Cleaning of tools</b>	With water immediately after use.
<b>Disposal</b>	Only recycle completely empty containers. Dispose of dried material residues as construction waste. Disposal of unused product: EWC No. 080112.
<b>Product code</b>	M-DF 02

### Technical support

Should you have any questions, please contact our sales service or technical advisory service.

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### CE Marking

<b>CE</b>	
SOVA GmbH Klostergarten 3 D-56341 Kamp-Bornhofen	
11	
EN 15824	
External render based on organic binder	
Water vapour permeability	V <sub>2</sub> medium
Water absorption	W <sub>3</sub> low
Adhesion	≥ 0,3 MPa
Durability (Frost resistance)	Transmission rate in accordance with EN 1062-3 ≤ 0,5 kg/(m <sup>2</sup> · h <sup>0,5</sup> )
Thermal conductivity λ <sub>10,dry,mat</sub>	No performance determined
Reaction to fire	Euroclass B (when used on mineral substrates)

<b>CE</b>	
NB 1109	
SOVA GmbH Klostergarten 3 D-56341 Kamp-Bornhofen	
<b>Year 09/11</b>	
1109-BPR-0049 1109-BPR-0063	
<b>ETA-06/0183</b> <b>ETA-10/0205</b>	
according to ETAG-Guideline 004	
„SOVATHERM EPS“ „SOVATHERM EPS Premium“	

Our application-related recommendations, which are based on our experience and are given to the best of our knowledge, are not binding and neither constitute a contractual legal relationship nor give rise to ancillary obligations from the purchase contract. The recommendations given do not exempt the customer from independently checking whether our products are suitable for the intended purpose. Our General Terms of Business apply.

This data sheet supersedes all previous data sheets for this product.

Issued: 01.11.2011