

SOVA THERMALIN



Art. No. 15 l 68100
Art. No. 10 l 68101
Art. No. 5 l 68102

Product description

Low-emitting, highly heat reflective single-coat interior paint for walls and ceilings. In winter, the heat is preserved within the building, increasing thermal comfort, and the draught effect on badly insulated external walls is counteracted. In summer, heating up of rooms is minimised by reducing the penetration of thermal radiation into the building (principle of the vacuum flask). Energy savings are significant especially with inadequately insulated façades.

High coverage. White, tintable at works according to SOVACOLOR system in colour shades with luminosity > 30. Low emission and solvent-free, therefore virtually odourless and environmentally friendly. **Classification according to DIN EN 13 300:** wet abrasion resistance class 3, opacity class 1 at a spreading rate of 10 m²/l, matt.

Properties

- Preserves heat indoors at low outdoor temperatures.
 - Minimises heating up of interiors at high outdoor temperatures.
 - Increases thermal comfort.
 - Minimises draught effect in case of bad thermal insulation.
 - Very good coverage.
 - Low emission and solvent-free.
 - High spreading rate and preserves the substrate's texture.
 - Matt.
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Fields of application

For new and renovation coatings indoors. Suitable for plaster, concrete, lime sand brickwork, fibre cement and gypsum plasterboard, ingrain wallpaper, textile wall coverings, etc.

Substrate

Substrates must be clean, dry, stable and free of efflorescence, sinter layers and separating agent residues, etc. Prime highly absorptive substrates and brittle old plaster surfaces with SOVA Primer W. Observe technical data sheet.

Application

SOVA THERMALIN is ready for use. Stir thoroughly, add max. 5 % water. One coat applied by brush, roller or airless spray equipment is usually sufficient. Minimum application temperature: +5 °C (air or component). Superficially dry and overcoatable after approx. 6 hours at +20 °C and 65 % rel. air humidity. Low temperatures and high air humidity slow down the drying process accordingly.

Consumption

Approx. 100-150 ml/m² depending on the substrate's absorbency.

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
Density / spec. weight approx. 1.60 g/ml
Diffusion-equivalent air layer thickness s_d 0.1 [m] according to EN ISO 7783-2

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VOC content

EU limit value for this product (cat. A/a): 30 g/l VOC (2010). This product contains max. 1 g/l VOC.

Composition in acc. w. German VdL (Ass. of the German Paints and Varnishes Industry) Guideline 1

Polymer dispersion, anorganic pigments, silicate, water, additives, preservatives.

Advice for persons allergic to isothiasolinone on the phone number +49 6773-91 590-0.

Safety

This product is not subject to labelling in accordance with the applicable EU Directive. Observe safety data sheet. Safety advice: S2 Keep out of the reach of children. S24/25 Avoid contact with skin and eyes. S29 Do not empty into drains.

Delivery form	15 l plastic bucket 10 l plastic bucket 5 l plastic bucket
Storage	Cool and frost-free. Storage stability in original container: approx 12 months. Once opened, seal containers airtight and use up quickly.
Cleaning of tools	With water immediately after use.
Disposal	Only recycle completely empty containers. Dispose of dried material residues as construction waste. Disposal of unused product: EWC No. 080112.
Product code	M-DF 01

Technical support

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

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.

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