HASIT
Natürlich besser bauen

TECHNICAL DATA SHEET

HASIT PI 264 ÖKOSIL TREND

Silicate object interior paint

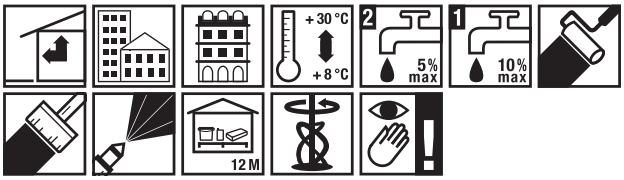
Areas of application

Diffusion-open, mineral-bound interior paint based on potassium silicate. Physiologically harmless, free from preservatives, therefore suitable for people suffering from allergies. Ideal for spray application on large objects in living rooms, hallways, cellars and underground garages. Due to its ecological sustainability, it can also be used in sensitive areas such as hospitals, kindergartens or in the food sector. Particularly suitable for unpainted, mineral plasters of mortar groups PI, II and III, old silicate paintwork and ingrain wallpaper.

Properties

- Highly diffusion-open and moisture-regulating
- Mineral silicification on mineral substrates
- Mineral, fine surface
- Pollutant-free (VOC)
- Building biology and healthy living
- Prevents mold thanks to its pH value
- Airless-Set

Application procedure



Technical data

Item number	2000954340
EAN	4038502159502
Customs Tariff No.	32061900
Packaging	
Quantity per unit	15 L/unit
Unit per pallet	24 unit/Pal.
Colour	White
Shine	matt, G ≥ 10 at angle 85°, G3
Contrast ratio	Klasse 2
Consumption	approx. 0,145 L/m²/c.
Vapour diffusion openness	High open diffusion
Density	approx. 1,5 kg/L

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Profusion	Verkieselung
Resistant to wet scuffing	Class 3 (EN 13300)
pH-value	11
sd-value	< 0,02 m
Packaging	In recyclable plastic buckets.
VOC content	1 % < 30 g/L

Material base

- Potassium silicate
- Organic additives less than 5 %

Application conditions

During processing and drying, the ambient or substrate temperature must not fall below 8 °C. The drying time depends on the construction site conditions. At a relative humidity of 65% and an ambient temperature of 20 °C, the surface is dry and can be painted over after approx. 5 hours. The coating is fully dry and resilient after approximately 3 days.

Surface

The surface must be without dust and filth. Substrates must be load-bearing. Cross-cut characteristics 0 and 1 according to EN 2409 must be achieved.
Plaster of mortar group Ia and Ib: lime plasters: Highly absorbent surfaces are pre-treated with HASIT PP 201 SILICA LF. Newly applied HASIT lime plaster surfaces can be coated directly after a waiting period of 3 to 4 weeks. To prevent cloudy or spotty drying, pre-treatment with HASIT PP 201 SILICA LF is recommended.
Plaster from mortar groups II and III: cement and lime-cement plasters:: Highly absorbent surfaces must be pre-treated with HASIT PP 201 SILICA LF. Direct coating on newly applied HASIT lime-cement plasters after a waiting period of three to four weeks.
Plaster of mortar groups IV and V: gypsum, gypsum lime and anhydrite plasters: Any sinter layers, dirt or dust must be completely removed. Gypseous surfaces require a priming coat of PP 301 HYDRO LF. Then two-layer coating with primer and final coating.
Clay plasters: Cleaning of the surfaces to be coated and priming with HASIT PP 201 SILICA LF.
Gypsum boards, gypsum plasterboards, wallboards, solid gypsum boards: Primer coat with HASIT PP 317 ISO LF. Intermediate and finishing coat afterwards.
Concrete: Interior concrete surfaces must be brushed and dusted. Any cement slurry present must be removed mechanically. Contaminants such as formwork release oil, grease and wax must be removed using a steam cleaner. Small defects and cavities can be repaired using HASIT fillers. It is generally recommended to pre-treat concrete surfaces with HASIT PP 201 SILICA LF.
Bearing, mineral coatings (silicate, cement, lime-cement, lime coatings and thin-layered plasters): Highly absorbent surfaces must be pre-treated with HASIT PP 201 SILICA LF.
Bearing, organic coatings (mate dispersion and mortar resin): Primer coat with HASIT PP 317 ISO LF.
Bearing wallpapers: Unpainted ingrain wallpapers can be coated without pretreatment. For reliefs and embossed wallpapers, a test coat and a cross-cut test should be carried out.
Clay coatings and non-bearing wallpapers: Precoats i.e. wallpapers should be completely removed and thoroughly washed. Precoat on the next bearing surface with e.g. RÖFIX PP 307 ISO LF (Note: test the bearing with grid section test).
Unstable coatings and surfaces: Coatings which are still not stable after appropriate priming with PP 201 SILICA LF or PP 317 ISO LF must be removed mechanically.

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Surface pre-treatment

Small flaws: Before grounding and priming repair with suitable filler. Protection: Other surrounding surfaces like glass, ceramics, aluminium, windows, wooden surfaces, furniture, floors, etc. need to be covered (protected). Fresh paint stains need to be removed with a damp cloth or water.

Processing note

A continuous surface must be coated in one step, fresh-on-fresh or wet-on-wet, to avoid streaks. When using silicate paints on critical, highly absorbent substrates, we recommend applying the final coat on the base coat before it has completely dried.

Application procedure

Apply manually in a saturated, evenly covering manner using a suitable brush, roller or broom.
The coating structure consists of substrate pretreatment (priming and barrier primers), intermediate coating (PE 221 STUCCOSIL) and a system-compliant final coating.
Dilute primer and intermediate coats with max. 10 % water, and top coats with max. 5 % water.
If you have higher demands on the surface quality, we recommend diluting with the silicate primer HASIT PP 201 SILICA LF.
The mechanical application is carried out evenly using a suitable spray device.
Airless application: Spray angle/nozzle/spray pressure – 50°/0,026"/~170 bar.
In machine-applied processes the paint must be well stirred and sieved before use.

Hazard statements

Please refer to our separate safety data sheets for detailed safety instructions. Read through these before use.

Storage

Store in a cool, hermetically sealed and frost-protected place.
Can be stored for at least 12 months.

Certificates

Label

General information

This technical data sheet substitutes and annuls the previous editions of the same. The data is processed carefully and conscientiously, however they do not provide a warranty for the accuracy and completeness of the same, nor are they responsible for future decisions of users. These data itself is not based on legal relations or other additional obligations. These data do not release the customer from the obligation to check whether the product is suitable for its intended purpose. Our products, as well as all raw materials contained in them, are subject to continuous monitoring in order to guarantee consistent quality. If you have further questions, please contact your sales advisor or specialist retailer. The current status of our technical bulletins can be found on our website or can be requested in the responsible office.
All technical data listed in this product specification has been determined under laboratory conditions.