HASIT
Natürlich besser bauen

TECHNICAL DATA SHEET

HASIT DIEPLAST 870 ELASTIC ZF

Reinforcing compound

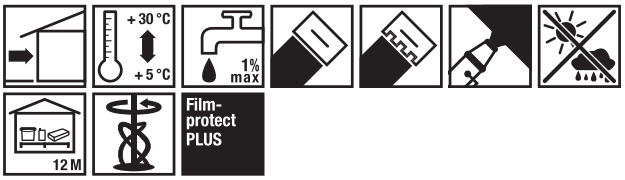
Areas of application

Organic, white, ready-to-use, cement-free lightweight adhesive and reinforcing compound. System component of the HASIT ETICS HASITHERM EPS ELASTIC ZF. For subsequent coating with thin-layer pasty finishes (silicone resin, SISI® or silicate plaster).

Properties

- Cement-free
- Ready to use
- Maximum resistance to mechanical stress
- Crack-resistant
- Highly elastic
- Highly weather-resistant

Application procedure



Technical data

Item number	2000021077
EAN	4038502117625
Customs Tariff No.	32141090
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	24 unit/Pal.
Grain size	0-1 mm
Colour	White
Consumption	approx. 1,5 kg/m² (gluing min.) approx. 2,8 kg/m² (Reinforcement min.) approx. 5,2 kg/m² (Reinforcement max.)
Consumption instructions	Consumption values are guideline values and depend heavily on the substrate and processing technology.
Reaction to fire	Fire-retardant according to MVV TB
Water absorption	< 0,07 kg/(m²·h^{05})

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Item number	2000021077
Tensile adhesive strength	≥ 0,08 N/mm²
Thermal conductivity λD	0,7 W/mK EN 1745:2012
Drying time	approx. 4 d
Average bulk density	approx. 1,4 kg/dm³
Layer thickness	0-4 mm
sd-value	≤ 0,8 m
Specific heat capacity	approx. 1000 J/kg K
System approval	Z-33,41-1218 Z-33,43-1219
Substrate temperature	5-30 °C
Packaging	In recyclable plastic buckets.

Material base

- Additives
- Aluminum hydroxide
- Film preservation
- Mineral fillers
- Organic
- Polymer dispersion
- Silicate fillings

Application conditions

During the processing and drying phase, the ambient or substrate temperature must not fall below +5 °C and must not rise above +30 °C.Until the screed has completely dried, protect it from frost, from drying too fast (direct sunlight, wind) and from subsequent wetting (rain). Do not process under direct sunlight, protect from rapid drying (shading). Low temperatures and high humidity will prolong drying time.

Surface

The substrate has to be dry, stable and free from impurities, such as dust, soot, algae, efflorescences, etc. Moist or not fully cured substrates may cause damage to subsequent coatings, such as blistering or cracking.

Surface pre-treatment

Release agent which create film (formwork oil, etc.) should be removed. Sandy surfaces and dusted surfaces should be strengthened with a deep precoat or removed. On old or non-resistant plasters, the thermal insulation boards need to be extra doubled.

Preparation

The product is delivered ready to use. Stir thoroughly using suitable mixing equipment and adjust to the required consistency with minimal water, if necessary. Do not mix with other materials.

Application procedure

Adhering the insulation boards: Apply the product mechanically or manually using a rust-proof notched trowel (e.g., 8 or 10 mm). Immediately press or embed the insulation boards into the fresh adhesive layer and press firmly. Minimum adhesive coverage on the insulation board when applying adhesive to the wall: 60 %. Minimum adhesive coverage on the insulation board when applying adhesive to the insulation board: 40 %. Before the insulation boards are secured with rawlplugs, they must not be subject to any strong mechanicalstress (e.g. prodding with the straight edge, grinding or strong wind) until the adhesive has

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hardenedcompletely. Reinforcing the insulation boards: The HASIT fabric corner angle must be applied 12 hours before reinforcing the surface. Apply the product mechanically or manually using a rust-proof steel trowel. Comb the reinforcement mortar (depending on the desired layer thickness) with a corresponding notched trowel (e.g., 8 or 10 mm). Press the reinforcing mesh into the mortar bed, overlap by at least 10 cm in the area of the joints and smooth over with a trowel. If necessary, level with a smoothing trowel. The reinforcing mesh must be embedded in the upper third of the reinforcement layer. After a curing period of 4–5 days (depending on weather conditions, longer for cold and wet conditions), the appropriate topcoat can be applied. Greater layer thicknesses prevent proper drying and thus impair functionality of the product. Bordering building elements (windows, window and door frames, doors, etc.) need to be covered before processing in order to protect them from dirt and damage. Movement joints: Do not overwork structural or expansion joints. When using plaster and joint profiles, follow the manufacturer's guidelines.

Hazard statements

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

Storage

Storing 12 months.

Label

General information

This technical data sheet substitutes and annuls the previous editions of the same. Time-based values refer to standardised climatic conditions (+20 °C/65 % relative humidity). These can vary due to environmental factors, such as temperature, moisture and type of substrate. 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.

Comply with the respective general building authority approvals (abZ)/general construction method approvals (aBG). Please note the applicable BFS and Fachgemeinschaft Kunstharzputze e.V. information sheets, as well as the WDVS Fachverband and VDPM/IWM guidelines. If HBW (luminosity) < 20% of the final coating (finished façade), the HASIT SycoTec® system must be used. Impact resistance > 15 joules achievable with the corresponding system setup