

TECHNICAL DATA SHEET

HASIT 715

LITHIN® fine plaster mortar



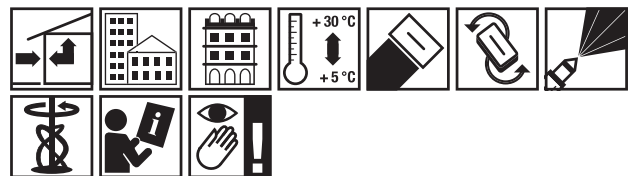
Areas of application

Factory-mixed CR fine plaster mortar according to EN 998-1. Mineral, hydrophobic structural finishing plaster for small ETICS surfaces such as reveals and surrounds as well as for interior surfaces on base plasters and existing building boards (e.g. plasterboards). Painting is recommended for weathered facades.


Properties

- Mineral, ecological
- High vapour permeability
- High efficiency
- Easy and smooth to work with
- Machine compatible
- On WDV system for small areas

Application procedure



Technical data

Item number	2000954945	2000954946
EAN	9003304519699	9003304519705
Customs Tariff No.	32149000	
Packaging		
Quantity per unit	25 kg/unit	
Unit per pallet	48 unit/Pal.	
Grain size	0-0,7 mm	0-1 mm
Colour	White	
Colour selection	Limited	
Consumption	approx. 1,5 kg/m ²	approx. 1,9 kg/m ²
Water consumption	approx. 7,5 L/unit	

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Item number	2000954945	2000954946
Reaction to fire	A1	
Water vapour permeability	15/35 (table value)	
Compressive strength	approx. 2 N/mm ² (28 d) EN 1015-11	
Thermal conductivity	0,45 W/mK for P=50% 0,49 W/mK for P=90%	
Mortar class	Fine plaster mortar CR-CS II-WC2 EN 998-1	
Specific heat capacity	approx. 1 J/kg K	
Dry density	< 1600 kg/m ³	
Packaging	In recyclable paper bags.	

Material base

- Pigments
- Air lime
- Mineral
- White cement
- Additives to improve adhesion, processing and water repellency

Application conditions

Until completely dry, protect against frost and rapid drying (direct sunlight, strong air currents and subsequent moisture or rain).

Surface

The surface has to be dry, without dust, unfrosted, absorptive, flat, sufficiently rough and bearing as well as without efflorescence and release agents creating a film (such as formwork oil and similar). Lime/cement-based TICS base plasters must be applied in the specified layer thickness according to the applicable guidelines and be dried (7–10 days – longer in damp, cold weather). Gypsum base plasters must be sufficiently strong, dry and set. Lime-cement base plasters can be plastered after hardening.

Lime base plasters: suitable

Lime-cement undercoat plasters: suitable

Lightweight base plasters: On levelling putty (Renostar or Renoplus)

Thermal insulation plasters: On levelling putty (Renostar or Renoplus)

Concrete: On levelling putty (Renostar or Renoplus)
Thermal-insulation systems, thermal-insulation plasters, elastic surfaces: suitable

Mineral old plaster without coating: On renovation putty (Renostar, Renoplus)

Old plaster with mineral coating: On renovation putty (Renostar, Renoplus)

Organic old plasters: On renovation putty (Renostar, Renoplus)

Dry undercoat plasters which contain gypsum: suitable
GK panels: on GIKA PUTZGRUND

Fibre cement boards: on PUTZGRUND PREMIUM

Surface pre-treatment

The plaster base must be inspected and prepared in accordance with DIN 18350. If there are different materials in the plaster base (e.g. due to repairs), it is advisable to level the entire surface with a fabric filler in order to achieve a level and uniformly absorbent substrate. Do not start with the finishing coat until the base coat has dried uniformly, otherwise colour differences may occur. Pre-fill plasterboards completely with HASIT PF 130 TOP FILL joint and wall filler or pre-coat with HASIT GIKA PUTZGRUND undiluted and evenly covering. Pre-fill smooth concrete surfaces with appropriate HASIT construction adhesive/filler. Please also note the applicable national regulations, the BFS and Fachgemeinschaft Kunstharzputze e.V. information sheets and VDPM/IWM guidelines.

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Preparation

Provide clear water in a clean container and mix the dry mortar homogeneously using a powerful stirrer (rotor agitator). The water temperature must not exceed +25 °C. Do not mix for less than 3 minutes. After mixing, let rest for about 10 minutes (maturation time). Then mix again briefly. During processing mix the final plaster quite often in order to avoid granulation. If possible, mix the entire quantity for one side of the façade at once (at least 3 bags). Never empty the trough completely, always add mixture.

Application procedure

After use, clean the tool thoroughly with water.
“Application as a dragged plaster”: Apply uniformly with a clean stainless steel trowel (prevent the formation of grooves and ridges).
Application of fine plaster: apply two layers using a stainless steel spoon/smoothen. Apply the first layer and let it harden a bit before applying the second layer.
Application as a sprayed plaster: Apply (structure) using a suitable plaster spray machine.
Structuring of troweled plaster: Achieve the desired structure using troweling tools (Styrofoam/plastic trowel).
Pay attention to structuring on time.
Regular cleaning of the structuring tool is extremely important!
Backlog (untreated) material on tools can affect the structuring and cause an uneven structural image.

Hazard statements

Please, refer to the Safety Data Sheet for detailed guidance. Please, read and understand its contents before use.

Storage

Indoor storage in cold freezing-free conditions, in well-closed packages. Protect from direct sunlight. Can be stored for at least 12 months.

Certificates



Label



Legal and technical information

At application of our products, the information in our Technical Data Sheets (TDS) shall be observed, as well as compliance with the general and respective specific Federal State standards and recommendations of the respective national trade associations.

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.

Please follow the updated BFS data sheets, the data sheets issued by the Fachgemeinschaft Kunstharzputze e.V., the guidelines of the WDVS professional association and the IWM guidelines. If the HBW (luminosity value) is < 20 % of

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the final coating (finished facade), the HASIT SycoTec® system must be applied. In the case of fine plasters, some colour differences and efflorescences can occur due to high air humidity and low temperatures that delay the setting processor or when rain falls on a freshly plastered façade. In order to achieve visually flawless, uniformly coloured façades, an additional levelling coat must be applied, with the exception of scratch plasters, according to the Industrieverband Werkmörtel information sheet, but a coating system is recommended. Do not use on horizontal surfaces exposed to water (e.g. protruding plinths). Sample boards, colour cards, etc. are to be regarded as templates only. Colours may vary depending on the drying and the structure of the finishing plaster. Different processing methods can also lead to structural differences. In order to prevent colour deviations, reference must always be made to the delivered sample for orders based on samplings, and to the initial delivery in the case of reorders.