

TECHNICAL DATA SHEET

267 CalceClima® Thermo

Lime Insulation Plaster



Areas of application

Jointless, heat-insulating plaster up to 120 mm layer thickness for old and new buildings on facades and interior walls. According to DIN 4102-4, this insulating plaster is suitable for use in fire protection.

As a subsequent insulation plaster protective layer, we recommend HASIT 250 RENOPLUS® with our HASIT White Insulation Fabric.

All HASIT LITHIN® finishing plasters (except HASIT 725 OPTI LITHIN® Kratzputz opti) can be used as finishing plaster.

We would like to point out that with this product an increased spiral pump consumption is to be expected.

Properties

- Ecological
- Promotes healthy indoor climate
- Non-flammable
- Sound-absorbing

Application procedure



Technical data

Item number	2000959995	2000959993
EAN	4038502163479	4038502163462
Customs Tariff No.	32149000	
Packaging		
Quantity per unit	30 L/unit	1000 kg/unit
Grain size	0-1,4 mm	
Consumption	approx. 1,1 L/m ² /mm	
Yield	approx. 27 L/unit	approx. 2850 L/unit
Water consumption	approx. 13,5 L/unit	approx. 1500 L/unit
Reaction to fire	A1	
Water vapour diffusion resistance coefficient	> 7 < 10	
Compressive strength	≥ 0,4 N/mm ² (28 d) EN 1015-11	
Pressure resistance	≥ 0,4 N/mm ² (28 d)	
flexural strength	≥ 0,04 N/mm ² EN 1015-11	

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Item number	2000959995	2000959993
Thermal conductivity	$\leq 0,0669 \text{ W/mK}$	
E-module	approx. 1500 N/mm^2	
Mortar class	CS I EN 998-1 W1 EN 998-1 T1 EN 998-1	
pH-value	13	
Layer thickness	30-120 mm	
Specific heat capacity	approx. 1 kJ/kg K	
Dry density	approx. 350 kg/m^3	

Material base

- Hydraulic lime NHL 5
- Water repellent medium
- Hydrated lime
- Air-entraining agents
- Light silicate-based mineral aggregate
- Water retention agents

Application procedure

After application the surface shall be smoothened via a lute. Make the surface rough for the next layer by using grit. Standard machines for fine plastering should be equipped with additives for installation of thermal-insulation plaster (eg. PFT G4 or Mai4ever with rotor/stator D8-1,5 or D7-25 as well as a mixer for insulation plaster).

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.

Certificates



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,