

ThermoIN – stucco finish plaster

DESCRIPTION

ThermoIN stucco plaster is a readymade dry mortar mixture. After mixing with water, it produces a highly pliable mixture with a granularity up to 0.5 mm. The mixture is suitable for surface finishing of plasters such as ThermoUM, ThermoSAN and Thermom Xtra, and other types of rehabilitation and thermal insulation plasters. Thanks to its exceptional properties (excellent openness to diffusion), it guarantees preservation of properties of the underlying rehabilitation plasters, thus trouble-free functioning of the overall plaster system. It can be manufactured with a granularity up to 1.0 mm for protected heritage buildings. Use for facade and interior plastering on all types of underlying surfaces.

COMPOSITION

Cement, dry hydrate, Poraver special bonding agent, modification additives

MATERIAL CONSUMPTION

- 1m²/2 mm thickness = approx. 1 kg
- One 8 kg bag makes approx. 8,5 m²

BASE PREPARATION

ThermoIN plaster mixture is applied to dry and clean walls, rid of all impurities and dust; any unevenness on the wall has to be smoothed.

PROCESSING

- Mix the plaster with drinking water or water compliant to ČSN EN 1008.
- Pour 3,5 – 3,9 liters of water in the mixing vessel add the full contents of the bag (8 kg). Stir for 5 – 7 minutes using a blender.
- Depending on the air temperature and humidity, the amount of water used can be within a tolerance of approx. 10 % (2,9 – 3,2 l of water per one bag).
- Always mix the full bag.
- Any additions of materials to the dry or wet mixture are inadmissible.
- The processed mixture has to be applied to the surface within 1 hour of the completed processing. During the application, the temperature must not drop below +5 °C (air/base) – do not apply when night frost can be expected. Do not work in direct sunlight and in strong wind.
- Prepare the surface and remove unevenness before plastering. Paint can be applied after 48 hours

TECHNICAL DATA

Thermal insulation mortar for exterior and interior (T) as per EN 998-1:2010 categories CS I, W1, T1			
Compressive strength:	2,0 N/mm ²	Reaction to fire:	A1
Adhesion:	0,35 N/mm ²	Bulk density:	440 kg/m ³ ±10 %
Capillary water absorption:	W1	Water vapour permeability:	μ = 10
Thermal conductivity:	λ < 0,095 W/mK	Durability:	15 cycles

STORAGE

Store in a dry place, protect from moisture. Under these conditions, the safe storage period is 12 months from the manufacturing date as marked on the packaging.

PACKAGING

The plaster mixture comes in 8 kg paper bags with a PE liner. One pallet contains 78 or 90 bags and pallets come with PE wrap.

IMPORTANT INSTRUCTIONS

Do not handle at too high or too low air and wall temperatures (below +5 °C), in direct sunlight or in strong wind. Do not mix with other products.

SAFETY INSTRUCTION

Warning code: Xi irritant

R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R43	May cause sensitization by skin contact
S2	Keep out of the reach of children
S22	Do not breathe dust
S24	Avoid contact with skin
S25	Avoid contact with eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S46	If swallowed, seek medical advice immediately and show this technical data sheet or label

QUALITY CONTROL

We perform continuous quality control of all our products according to PCS and apply a certified quality management system under ČSN EN ISO 9001:2010

MANUFACTURER

SATSYS Technology a.s., Vejdovského 1179/6a, 779 00 Olomouc, Czech Republic

Date:	21. 1. 2014	By issuing this material technical data sheet the former one is not valid.
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