

GOLDPLAST SV

THERMAL INSULATION BOARD PLASTER - FIBRE



DESCRIPTION

- Cement based, high-stability, flexible, high performance specially prepared plaster mortar with polymer and fibre reinforced for thermal insulation boards (XPS, EPS).

INTENDED USES

- Interior and exterior applications,
- Used for plastering XPS, EPS, & polyurethane thermal insulation boards on all buildings.

PROPERTIES

- Easy to apply, does not require much effort.
- Does not lead to cracks & shrinkages.
- High flexural and compression strength.
- Long processing time.
- Paint can be applied on it.

SURFACE TREATMENT

- The application board surface must be clean and dry.
- Thermal insulation boards must be placed correctly with a straightedge and plumb.
- Gaps between boards must be filled with the same insulation material or foam and any asperities occurring must be removed to reduce the consumption of **GOLDPLAST SV**.

TECHNICAL DATA

Appearance	Grey powder
Application temperature	(+5°C) - (+30°C)
Temperature resistance	(-30°C) - (+60°C)
Application thickness	3-4 mm
Pot life	2 hours
Time required in-between layers	4-5 hours
Cavity unit volume mass of fresh plaster	≥ 1150 kg/m ³
Cavity unit volume mass of hardened plaster	1400±300 kg/m ³
Grain size of plaster	1 mm sieve, ≤ %1,0
Flexural Strength	≥ 2,0 N/mm ²
Compressive Strength	≥ 6,0 N/mm ²
Adhesion resistance to thermal insulation board	≥ 0,08 N/mm ²
Water Absorption	≤ 0,5 kg/m ² .dk ^{1/2}
Water vapour permeability factor	≤ 15
Thermal Conductivity	≤ 0,75 W/m.K (P= %50)
Fire response class	A1

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

APPLICATION

- Slowly pour 25 kg **GOLDPLAST SV** powder into 6.0-6.5lt water and thoroughly mix it with a low-speed mixer (max. 600rpm) until it becomes a smooth, homogeneous substance.
- Do not add any additional additives, unless mentioned in the instructions.
- Rest the prepared mortar for 5 minutes and stir it again for 1-2 minutes before application.
- Apply mortar on plugged surface with a steel trowel evenly.
- **MYTHERM Mesh** should be buried into mortar before it sets by pressing gently.
- **MYTHERM Mesh** should be applied by overlapping as 10 cm at joining points.
- Apply second layer before first layer has dried completely.
- Fix the surface with a steel trowel after applying second layer.
- Consume prepared mortar within 2 hours. Do not use overdue mortar.
- Once the mortar has completely set, apply breathable final coat layer.
- Application thickness should not exceed 4mm.

WARNINGS AND RECOMMENDATIONS

- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- During application, the surface must be protected from wind and direct sunlight.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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COMPLEMENTARY PRODUCT(s)

- MYTHERM Mesh Reinforcement fibreglass mesh

QUALITY CERTIFICATES

- In Accordance with TS 13687 standards.

CONSUMPTION

- 4,0-5,0 kg/m²

PACKAGING

- 25 kg Kraft bag (Pallet 64 bags, 1600 kg)

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

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YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermereiler Küçük San. Sit. 18. Cad. No: 22 Köseler Köyü - Dilovası / KOCAELİ 19	
TS 13687/2016 Cement based plaster applied on thermal insulation board	
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