



STRABOND PL (STRABOND)

PLASTER FOR HEAT INSULATION BOARDS

- Excellent bonding strength
- Resistant to external effects
- Plastic consistency allows easy preparation and application
- Resistant to freeze/thaw cycle

DESCRIPTION

STRABOND PL is a cement based, polymer reinforced, protective fine plaster specifically designed for heat insulation plates.

TYPICAL APPLICATIONS

- Interior and exterior walls,
- Ceilings and walls,
- Horizontal and vertical surfaces,
- Concrete surfaces prior to painting,
- As a plaster for heat insulation plates (EPS, XPS).

ADVANTAGES

- Perfect bonding strength.
- Resistant to freeze/thaw cycle.
- Fiber reinforcement allows drying without cracks.
- Plastic consistency. Easy to apply.
- Resistant to external effects.
- Suitable for internal and external applications.
- Minimizes surface cracks.
- Easy to prepare and apply.
- Plastic consistency allows easy preparation and application.
- Non-flammable.
- Long working time.
- Hydraulic bonding.

TECHNICAL PROPERTIES

Colour: Grey

Appearance: Powder

Mortar Density: $1,70 \pm 0,05 \text{ g/cm}^3$

Application Temperature: $+5 \text{ }^\circ\text{C} - +30 \text{ }^\circ\text{C}$

Application Thickness: 4 mm at two players

Pot Life: 1 hour

Time Required For Next Layer Application: 3-4 hours

Initial Setting: 2-3 hours

Service Temperature: $-20 \text{ }^\circ\text{C} - +80 \text{ }^\circ\text{C}$

Compression Strength (EN 12190): $\geq 6,0 \text{ N/mm}^2$

Bending Strength (EN 12190): $\geq 2,0 \text{ N/mm}^2$

Bonding Strength On Heat Insulation Plate: $\geq 0,08 \text{ N/mm}^2$

Water Absorption: $\leq 0,5 \text{ kg/m}^2 \text{ h}^{0,5}$

Water Vapour Transmission Constant: $u \leq 15$

Thermal Conductivity: $\lambda \leq 0,35 \text{ W/mK}$

Above given values are valid for $23 \text{ }^\circ\text{C}$ ve 50% relative humidity

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DIRECTIONS FOR USE

SURFACE PREPARATION

- Application surface should be clean, and free from dirt, oil, paint, loose particles, and mortar and plaster residues.
- Surface should be saturated with water before application.
- Insulation boards should be fixed onto the surface appropriately.
- If it is not possible to clean existing paint on the surface, use **REBOND PORO** as a primer before application.

MIXING

- 25 kg of **STRABOND PL** is mixed with 5.5 - 6 lt of water using a low speed mixer for 3 to 4 minutes. Rest the mixture for 1 - 2 minutes and mix again before use.
- The mixture should be consumed in 3 hours. After this duration is expired, do not add any water and powder into the mixture and use the product. If application is suspended, then mix again before use.
- The mixture should be used within at most 20 minutes under normal temperatures after trowelling.

APPLICATION

- After the insulation boards are fixed (at least 24 hours), apply **STRABOND PL** at approximately 2 mm thickness with a steel trowel. Embed the synthetic mesh into the still fresh layer, and cover with a second layer of **STRABOND PL**, and float as desired.
- It can take 1 - 3 days for the protective layer to set properly depending on the application thickness and weather conditions.
- The plaster should be protected against exposure to strong wind, UV, rain, and frost during application and for the first 24 hours.
- It is recommended to attach the boards mechanically after they are affixed with **STRABOND PL**.

WATCHPOINTS

- Do not add any water or powder into the mixture.
- Do not apply below $+5 \text{ }^\circ\text{C}$.
- Do not vibrate.
- Cure the surface after application.

CONSUMPTION

1.7 kg/m² for 1 mm thickness

PACKAGING

25 kg craft bag

STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions.

HEALTH and SAFETY

As with all chemical products care should be taken during use and storage. Avoid contact with food, skin, clothes, eyes and mouth. If accidentally ingested seek immediate medical attention. In case of contact with skin or eyes, wash with a plenty of water and soap. Should be kept away from children. Reseal containers after use. Please consult Material Safety Data Sheet (MSDS) for further information.

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