



# STRABOND AD (STRABONDIN)

## ADHESIVE MORTAR 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 AD** is a cement based, polymer reinforced, adhesive mortar specifically designed for heat insulation plates (EPS, XPS).

### TYPICAL APPLICATIONS

- Interior and exterior facades,
- Ceilings and walls,
- Horizontal and vertical surfaces,
- Mineral-based surfaces,
- As adhesive mortar for heat insulation boards (EPS, XPS).

### ADVANTAGES

- Perfect bonding strength.
- Resistant to external effects.
- Plastic consistency allows easy preparation and application.
- Resistant to freeze/thaw cycle.
- Hydraulic bonding.
- Easy to prepare and apply.
- Long working time.

### TECHNICAL PROPERTIES

**Colour:** Grey

**Appearance:** Powder

**Mortar Density:**  $1,80 \pm 0,05 \text{ g/cm}^3$

**Application Temperature:**  $+5 \text{ }^\circ\text{C} - +35 \text{ }^\circ\text{C}$

**Application Thickness:** max 20 mm

**Pot Life:** 1 hour

**Time Required For Next Application (Painting):** 1 day

**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 Application Ground:**  $\geq 0,5 \text{ N/mm}^2$

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

**Water Absorbtion (30 mins):**  $\leq 5 \text{ gr}$

**Water Absorbtion (240 mins):**  $\leq 10 \text{ gr}$

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, mortar and plaster residues.
- Surface should be saturated with water before application.
- If it is not possible to clean existing paints on the surface, use **REBOND PORO** as a primer before application.

#### MIXING

- 25 kg of **STRABOND AD** is mixed with 5 - 5.5 lt of water using a low speed mixer for 3 - 4 minutes. Rest the mixture for 1 - 2 minutes and mix again before use.

- The mixture should be consumed in 3 hours. After the expiration of this duration, do not add any water and powder into the mixture and use the product. If application is suspended, mix again before use.
- The mixture should be used within at most 20 minutes under normal temperatures after trowelling.

#### APPLICATION

- **STRABOND AD** is applied to the entire surface of the boards using a comb trowel.
- Adjust the thickness of **STRABOND AD** appropriately in order to prevent any lack of contact between the surface and the boards.
- Do not apply anything on the boards within the next 24 hours.
- After affixing of the boards (at least 24 hours), a protective plaster layer is applied onto boards with a thickness of approximately 2 mm using a steel trowel.
- It is recommended to attach the boards mechanically after they are affixed with **STRABOND AD**.

#### 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

3 to 4 kg/m<sup>2</sup>

#### 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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