



# STRABOND EX 100 (STRABONDEX)

## FINE DECORATIVE FINISHING PLASTER

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

### DESCRIPTION

**STRABOND EX 100** is a cement based, polymer reinforced, hydrophobic decorative finishing plaster specifically designed for heat insulation boards.

### TYPICAL APPLICATIONS

- Interior and exterior facades,
- Ceilings and walls,
- Horizontal and vertical surfaces,
- Mineral based surfaces,
- As a decorative plaster for heat insulation systems.

### ADVANTAGES

- Perfect bonding strength.
- Resistant to external effects.
- Plastic consistency allows easy preparation and application.
- Resistant to freeze/thaw cycle.
- Easy to prepare and apply.
- Long working time.
- Vapor permeability.
- Can be painted with thinner/solvent free paints.

### TECHNICAL PROPERTIES

**Colour:** White

**Appearance:** Powder

**Mortar Density:** 1,80 ± 0,05 g/cm<sup>3</sup>

**Application Temperature:** +5 °C - +35 °C

**Application Thickness:** 1 mm

**Pot Life:** 3-4 hours

**Time Required For Next Application (Painting):** 7 days

**Initial Setting:** 2-3 hours

**Service Temperature:** -30 °C - +80 °C

**Dry Film Thickness:** E5

**Grain Size:** S3

**Water Vapour Transmission Rate:** V1

**Water Transmission Rate:** W2

**Crack Bridging:** A0

**CO<sub>2</sub> Resistance:** C0

**Mold Formation Resistance Class:** K2

**Compression Strength (EN 12190):**

> 25,0 N/mm<sup>2</sup> (1st day)

> 65,0 N/mm<sup>2</sup> (7th day)

> 80,0 N/mm<sup>2</sup> (28th day)

**Bending Strength (EN 12190):**

> 5,0 N/mm<sup>2</sup> (1st day)

> 6,50 N/mm<sup>2</sup> (7th day)

> 10,0 N/mm<sup>2</sup> (28th day)

**Concrete Bonding Strength (EN 1542):** > 2,0 N/mm

**Capillary Water Absorption:** < 0,5 kg/m<sup>2</sup> h<sup>0.5</sup>

Above given values are valid for 23 °C ve 50% relative humidity

### Reference Standards

In compliance with TS 7847

**Public Works Pos. No:** 04.476/A

### 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.

#### MIXING

- 5.5 to 6 lt of water is poured into a mixing vessel and 25 kg of **STRABOND EX 100** is added slowly, and mixed for 3 - 5 minutes until a lump-free homogeneous mixture is achieved.

#### APPLICATION

- The mixture is applied onto damped surfaces by using a spatula or a trowel. As the plaster hardens smooth the surface with a plastic trowel or a sponge.

#### CURING

- Applications under sunny and windy conditions, fresh plaster should be damped continuously, or cured with **INTERCURE**.

#### WATCHPOINTS

- Do not add any water or powder into the mixture.
- Do not apply below +5 °C.
- Do not vibrate.
- Cure the surface after application.

#### CONSUMPTION

1.80 kg/m<sup>2</sup> 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.

**NOTE:** Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)