

# STYROBOND XP100

## ADHESIVE FOR HEAT INSULATION BOARD

### DESCRIPTION

**STYROBOND XP100** is a cement based, thermal construction adhesive, specially developed as adhesive for polystyrene (EPS-F), polystyrene-extruder foam (XPS-R), and mineral wool insulation slab (MW-PT)

### ADVANTAGES

- Hight adhesive strength
- Resistant to external weather
- Flexible

### TECHNICAL DATA

Appearance	Grey Powder
Mixing Ratio	0.23 - 0.25
Pot life	More than 60 minutes
Bond Strength	More than cohesive strength of the EPS Foam. Approximately 50% from the EPS Foam will remain in adhesion
Application Temperature	5°C up to 40°C

### DIRECTIONS FOR USE

#### SURFACE PREPARATION

All surfaces should be clean, dry, free of dust and dirt. remove any film forming separation agent (form-work wax, forming oil, etc). **STYROBOND XP100** should be applied at least 28 days after the application of lower plaster layer or rough cast. highly absorbent substrate must first be moistened evenly with water. Level out and reinforce the joints between structural elements.

#### MIXING

The 25 kg bag of **STYROBOND XP100** should be added slowly to clean water and mixed for about 3-5 minutes with a low-speed mixer until becomes homogenous. Leave to stand for 10 minutes and mixed again. The mixture should be stirred from time to time during the application to prevent sedimentation of the graining. The mixture should be consumed within 2-2 ½ hours depending on the air condition. The mixture should not be used after it hardens or adding water to the solid material.

### APPLICATION

**STYROBOND XP100** is applied using trowel as a strips 4-5 cm around the insulation board and as three points at equal distance in the middle of the insulation board at trowel size in points for the surfaces with necessary sub-ground preparation made as necessary. for rock-wool, the **STYROBOND XP100** is stripped off the surface and then spread again on the board with a trowel and the rockwool is lined. The board prepared in this way is arrayed in contact with each other on the surface with light pressure from bottom to top. **STYROBOND XP100** should not be apply in places direct from sunlight, strong wind or under rain. **STYROBOND XP100** should be protected from frost until the material is set. **STYROBOND XP100** will approximately dry 2-3 days. Drying time varies depend ambient temperature and high relative humidity.

### STORAGE

**STYROBOND XP100** has Shelf life of 1 year from the date of production in original unopened package.

### CLEAN-UP

Clean tools and equipment with water before the material hardens. Hardened material can only be removed mechanically

TDS/TSS/030821/A

#### Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

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The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.