



**Green Build
Egypt**
Experience and Innovation

STYROMORTAR

ستيرومورتر

A special adhesive mortar for all types of Foam used in modern waterproofing and lightweight building and covering

Added Value

StyroMortar is a mortar specially designed for use with foam tiles and modern foam sheets used in thermal insulation. The strength of the product, its waterproofing capability, and partial flexibility provide the perfect solution for foam adhesive, covering, and protection against weather conditions and mechanical shocks.

Economic and easy to apply

StyroMortar is mixed easily with water producing creamy mortar easy to apply by trowel or special trowel used in the cementitious materials applications. Supplied in 25 kg double-layer bags sealed against moisture.

Specifications:

- **StyroMortar** is a fine gray powder producing an easy-to-mix mortar when mixing with water.
- Consumption rate = 3-5 kg for 1 squared meter depending on the required thickness.
- Material strength = 250 kg/cm².
- Mixing water = 4-5 liters per package (25 kg).
- Product validity for one year provided the safety of the package.



StyroMortar Features:

 Foam sheets are used to cover roofs and building for thermal insulation from outside building to inside. Building technology is now using technical designs to combine foam with concrete to obtain economical and lightweight building.

 **StyroMortar** is designed for this purpose as it is a cementitious substance cured with polymers and special materials to produce when mixing with water an easy to apply mortar on all types of foam either white or blue foam and it is also used in protecting the surface of the foam.

 After applying the material on foam sheets it adheres strongly on it as it is specially designed to be applied on foam and give a flexible protection layer against weather conditions and any coating or applications can be done on it.



Applications:

StyroMortar is used in the following areas and fields:

- Fixing blue and white foam tiles on walls.
- Covering and protection of foam against weather condition either they are sheets or tiles.
- **StyroMortar** can be used in cases of fixing natural marble tiles, Hashemi stones and Mica.
- Used to fix heat insulation foam tiles which used in roofs.
- Used in the protection of Polyurethane foam that is used in roofs and facades heat insulation.
- Doesn't contain any harmful materials to the environment and contains more than 60 % of its composition on natural substances that are safe to be recycled.

Components:

- Each pack of **StyroMortar** contains the latest adhesive technology in a special mix that makes the material easy to apply, homogeneous and strong adhesive to foam sides and surface either it is tile foam or blocks, and these adhesive materials are strong to different building units.
- Each pack contains special materials that retain water in the mixture which helps to obtain the high mechanical properties and contains also a special fiber to prevent cracks that appear when using ordinary mortar in these applications.



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