STONEFIX BA 900

[High Quality, Fiber Reinforced, Cement Based Adhesive]

Description

STONEFIX BA 900 is a high quality, fiber reinforced, cement based adhesive suitable for adhesion of thermal insulation boards. The material is easily applied and displays excellent adhesive properties and no vertical slip. The product is factory made rendering/plastering mortar based on inorganic binders for external and internal use on walls, ceilings, columns and partitions according to EN 998-1:2016, as cementitious tile adhesive C2TE with zero slip according to EN 12004:2007 and as adhesive for installation of thermal insulation boards from extruded polystyrene (XPS), expanded polystyrene (EPS), mineral wood/rock wool (MW/RW) and polyurethane (PU) on building external facades and on concrete or plaster/render substrates.

Advantages

- Very good working parameters
- Weather conditions resistant
- Possibility of machine application
- High initial and final adhesion
- Resistance to moisture
- High adhesion to mineral substrates and XPS/EPS-boards
- No vertical slip

Uses

STONEFIX BA 900 mortar is designed to apply EPS and XPS-boards. It is used for applying to the newly erected objects as well as the buildings to be thermally renovated. It is most suitable adhesive for installation of thermal insulation boards from extruded polystyrene (XPS), expanded polystyrene (EPS), mineral wool/rock wool (MW/RW) and polyurethane (PU) on building external facades and on concrete or plaster/render substrates.

Application

Remove oil, grease and wax contaminants, cement laitance, loose particles. Fill surface irregularities with the necessary product.

STONEFIX BA 900 should be poured into the measured amount of cool clean water and stirred with the drill by means of a mixer until the homogenous mass is obtained without lumps, wait 5 minutes and mix again. It is added gradually under mechanical mixing to 6-6.5 Kg water. Homogenize the mixture of adhesive with water for at least 3 min until no lumps are visible. If the substrate is very dry, it is recommended that it is dampened before installation.

Apply the adhesive and fix the thermal insulation boards applying moderate pressure. The adhesive is applied on thermal insulation boards and "combed" with notched trowel for uniform spreading all over the surface.

Technical Data

Base	Cement and lime mixture modifiers
Mixing ratio	6 – 6.5 Ltr water / 25 kg bag
Bulk Density	1400 Kg / m^3
Application Temperature	+5°C to +35°C
Compressive Strength	11.5 N/mm^2
Adhesive Strength	1.2 N/mm^2
Bond Strength Between Adhesive and Insulation Boards	0.14
Pot Lite	Up to 60 minutes
Consumption	4 -5 Kg / m^2 (depending on substrate)

Packing

STONEFIX BA 900 is available in 25 Kg bags

Cleaning

Brushes and tools can be cleaned with water. Dried product cannot be cleaned with water and can be removed only by mechanical means.

Storage

12 months from date of production if stored properly In undamaged and unopened, original sealed containers at temperatures between +10°C and +40°C. Protected from direct sunlight and frost.

Health & Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physcal, ecological, toxicological and other safety-related data.