

STIROKOL P WHITE

Compound for fixing and skim coating of expanded polystyrene (foam) sheets, extruded polystyrene sheets, and compressed mineral or stone wool

FIELD OF APPLICATION

For skim coating of thermal insulation blocks made of expanded polystyrene (foam) sheets, extruded polystyrene sheets, compressed mineral or stone wool.

PROPERTIES

- Excellent adhesion;
- Waterproof;
- Excellent strength under pressure;
- Excellent flexural strength;
- Elastic;
- Easy to prepare and apply;
- Economical.

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	-	White powder mixture
W/M factor (water/ material)	-	0.23-0.26
Substrate adhesion 28 days after application	-	≥ 1MPa
Strenght under pressure	-	7 days later: > 4MPa
		28 days later: > 5MPa
Flexural Strength	-	7 days later: > 2MPa
		28 days later: > 3MPa
Open time for application at +20°C	-	30 min
Initial setting time at +20°C and relative humidity 65%	-	8h
Final setting time at +20°C and relative humidity 65%	-	10h

METHOD OF APPLICATION:

SUBSTRATE PREPARATION

The substrate should be sound, clean, grease-free and dust-free, without unstable areas, salts and mould. The substrate temperature should range between +5 and +35°C. Stirokol P White should not be applied during rain or strong drought.

APPLICATION

Prepare Stirokol P White by adding water and mix constantly until it becomes completely homogenous mixture. Leave the mixture to stay still for 10-15 min, and stir it again. Apply the material using a trowel, scraper tool or a spatula. The installation of the fixed thermal insulation blocks is performed in two layers by inserting alkali-free mesh between the layers. The first layer of the product Stirokol P White is applied using steel a trowel, layer being thick from 1.5 to 2.0 mm. While it is still freshly applied, use a metal trowel to press the alkali-free mesh over it. After the first layer is cured, the second layer of Stirokol P White is applied (~10h

after application at 20°C) and the second layer should be as thick as the previous one. In thermal insulation facades, the finishing façade application is performed on a completely cured layer of Stirokol P White. Protect the surfaces from sunlight, strong drought, rain and dust within a period of 24h following the application. Protect the treated surfaces with curtains.

CONSUMPTION

For adhesion – 4.0 – 5.0 kg/m² (for 2 layers)

CLEANING

The tools and equipment are cleaned with water, immediately after use.

PACKAGING

In valve bags of 25 kg

STORAGE

In closed, original packaging, in a dry area, at temperature between +5°C and +35°C. Shelf life: 12 months.

Health hazards: Avoid contact of the product with skin and eyes, and avoid direct inhalation of the powdery component. When in contact with skin, rinse it immediately with clean running water and soap. When in contact with eyes, rinse them immediately with plenty of water and seek medical assistance. If swallowed, seek medical assistance.

Fire: This is a non-flammable product.

Cleaning and disposal: Clean with water. Old and used packaging should be disposed of in accordance with local rules and regulations for that type of waste.

We recommend that the methods of application and necessary quantities are adjusted to the conditions of the building, as well as use of appropriate equipment.