

# STIROKOL P WHITE

Compound for levelling thermo- insulation panels made of expanded polystyrene (styropor), extruded polystyrene, pressed mineral or rock mineral wool

## FIELD OF APPLICATION

For levelling thermal insulation panels made of expanded polystyrene (styropor), extruded polystyrene, pressed mineral or rock mineral wool.

## PROPERTIES

- Excellent adhesion
- Waterproof
- Excellent compressive strength
- Excellent bend strength
- Flexible
- Easy to prepare and apply
- Economical

## TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	-	white powder
W/M ratio (water-to-material ratio)	-	0.23-0.26
Adhesion to substrate, 28 days after application	-	≥ 1MPa
Compressive strength	-	after 3 days: > 4MPa after 28 days: > 5MPa
Bend strength	-	after 3 days: > 2MPa after 28 days: > 3MPa
Open time at temperature of 20°C	-	30 min
Initial setting time at 20°C, relative humidity of 65%	-	8h
Final setting time at 20°C, relative humidity at 65%	-	10h

## METHOD OF APPLICATION

### SUBSTRATE PREPARATION

Substrate should be sound, firm, clean, without grease, dust, unstable parts, salts or mould. Temperature of the substrate should range between 5°C and 35°C. Don't apply Stirokol P white on rain or strong wind.

### APPLICATION

Prepare 25kg Stirokol P white with 5.8-6.5l clean water and mix until it homogenizes. Leave the mixture calm for 10-15 min and then mix it again right before the application. Apply it using trowel or skimming trowel. Level the surface of insulation panels in two layers inserting alkali- free grid between the layers. Apply first layer of Stirokol P white with thickness of 1.5-2mm using steel trowel. Insert alkali- free grid into the fresh layer, using steel trowel. Apply second layer with same thickness as the first one, when the first layer is set (~10h, on 20°C, after the application). Apply the final facade coating on completely dry layer of Stirokol P white.

Treated surfaces should be protected from sunlight, strong wind, rain and dust for 24 hours after the application. Protect the surfaces with curtains.

## CONSUMPTION

for levelling – 4.0-5.0kg/m<sup>2</sup>

## CLEANING

Clean tools and equipment with water immediately after use.

## PACKAGING

Valve bags of 25kg

## STORAGE

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

**Health hazards:** Avoid contact of the product with the skin and eyes, and avoid direct inhalation of the powder. In case of accidental skin contact, remove it immediately with water and soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical assistance. If swallowed, seek medical advice.

**Fire:** The product is non-flammable.

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

We recommend that the method of application and the necessary quantities should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.