

CVC™ PA

Adhesive Mortar For Thermal Insulation Panels

Product Description	Polymer modified, cement based and ready to use mortar which has high bonding ability and is used to bond polystyrene based heat and sound isolation sheets.	
Product Number	501	
Areas of Application	It is used for adhesion of Extruded polystyrene (XPS) or expanded polystyrene (EPS) sheets to interior and exterior walls of the building, to horizontal, vertical and ceiling.	
Product Advantages	<ul style="list-style-type: none"> • It isn't affected by water, • Ensures a very good bonding on concrete, brick, gas concrete, plaster, prefabricate panel etc. surfaces. • Used in indoor and outdoor locations, • It is suitable for vertical, horizontal and ceiling applications, • Resistant against external impacts and frost. • Economical. 	
Technical Data	Powder Color	Grey
	Package	Craft sacks of 25 kg
	Density	1,7 kg/l (powder)
	Operation temperature	Surface temperature min 5°C
	Pot life	60-90 minutes
	Bonding period	24-48 hours
	Consumption	Depending on the surface condition, approximately 2-3 kg/m ² powder material
	Application Equipment	Toothed comb
	Storage	Its shelf life is approximately 12 months. Products should be stored in a cool and dry environment provided that maximum 6 bags will be put on top of each other.
Preparing the Surface	The floor, on which there will be application, should be cleaned of all loose parts, oil and other chemicals and clean. Concrete, cement and plasters should be dry and have been completed setting time. If the surface is over-absorbent or the application is carried out under hot weather, moisturizing should be made.	
Instruction for Preparing and Application	CVC PA	25 kg. of powder must be added into about 6,75-7,00 liter of fresh clean water (may vary according to weather conditions, never add water into powdered product) and is mixed for 3-4 minutes with a low revolution mixer until a homogenous mix is achieved.
Instruction for Preparing and Application	(25 kg) powder material is poured into 5,0-5,5 kg (it may vary depending on air temperature) of clean and cool mixing water and with a low-speed and suitable mixer, a smooth homogeneous mixture is obtained in 3-4 minutes and kept waiting for 5-10 minutes. Maturing material is mixed again and becomes ready for use. Water shouldn't be added to powder material. Application is recommended to be made in temperatures of +5 and +35 °C. Prepared material is placed to across all sides of back surface of sheets constantly and is placed to middle parts spot by spot. Sheets are pressed to the surfaces to be bond; they are placed to their set square by tapping on by means of wooden or rubber tamper and are ensured to be bond. After the adhesive is cured enough, sheets are fixed with pins mechanically.	
Points to take into Consideration	<ul style="list-style-type: none"> • The prepared material must be used in approximately 3 hours. • After the sheets are placed, the forming of film layer as a result of drying of mortar on the surface should be prevented. • It should be applied under +5°C. • Mechanical pin process should be carried out early when the application is made under windy conditions and on higher floors. 	