

Low-expanding polyurethane foam for gluing thermal insulation boards, used preferably on bituminous waterproofing and on other construction surfaces

Product description **TERMIFIX** is a single-component polyurethane foam, most of all for gluing thermal insulation boards EPS and XPS on bituminous membranes. It can also be used on other construction surfaces (bitumen, brick, concrete, wood, metal surfaces...).

Characteristics of the product **TERMIFIX** is single-component polyurethane foam which hardens with help of air humidity. It is resistant to aging, can be colored and enables simple use as well as optimum dosage. Hardening time is between 1,5 to 5 hours. It is not sticky already after 6 to 10 minutes. **TERMIFIX IS EXTREMELY FLAMMABLE, THAT FORE IT IS NECESSARY TO FOLLOW ALL REGULATIONS ABOUT WORKING WITH INFLAMMABLE SUBSTANCES!**

Technical characteristics

Characteristic	Unit	Value
Color	/	Light yellow
Foam density	kg/m ³	16 - 18
Application temperature	°C	min. +5 (surface); 20-25 (dose)
Use (gluing EPS/XPS on waterproofing)	m ²	6 - 10
Tack free time 18°C/60% rel. humid.	min.	5 - 10
Cutting time	h	1,5 - 5
Temperature resistance	°C	-40 to +90
Dimensional stability	%	max. -1
Water absorption	vol %	max. 1
Packing	/	Dose 750ml

Use and installation

TERMIFIX is suitable for gluing thermal insulation on: waterproofing membranes on bituminous base, surfaces from brick and concrete, wood, metal surfaces. The foam does not adhere to polyethylene, silicon and Teflon!

Before use, shake the dose strongly with the valve turned downward and screw it onto the spray gun. Set the wanted speed of foam flow with a button on the back side. The spray gun is activated by pushing the trigger. An empty dose is immediately replaced with a new one; otherwise the foam in the spray gun can harden. The hard foam on the exit nozzle is removed mechanically. In case of short breaks, we leave the dose on the spray gun, while in case of longer breaks we unscrew the dose and clean the spray gun with acetone-based cleaner. Surfaces, to which we apply foam, must have cleaned of dust and grease. Before application, we recommend that the surface is moist with a water sprayer. The optimum temperature of the dose in use is between 20 and 25°C.

PROCESS OF GLUING THERMAL INSULATION ON VERTICAL WATERPROOFING

It is recommended to remove first the shiny HDPE foil from the bituminous membranes (peel off or use the torch), wetting of the boards and walls with a water sprayer (not necessary in moist weather 18°C/ 60%), conal application of the adhesive along the edges of the boards, in the middle of the boards we apply the adhesive in form of the letter W, wait 2 minutes for the adhesive to react, installation of the boards onto the wall, fine adjustments of the boards after 6 - 8 minutes.

Storage

Product is packed in pressurized containers. It is stored in covered rooms, protected from sun, heat and mechanical damage. Storage and transport have to be in accordance with the valid "ADR" regulations. How to use the product and safety measures are written on the labels of the product.

The system of quality and handling of the environment is conform with SIST EN ISO 9001 and 14001.