

TECHNICAL SHEET

TERMIFIX

Polyurethane adhesive for insulation plates

Product description TERMIFIX is a low-expanding one-component polyurethane foam intended primarily for gluing EPS and XPS thermal insulation boards to bitumen strips. It can also be used on other building 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. The product is extremely flammable, that fore it is necessary to follow all regulations on label of product.

Characteristic	Unit	Value
Use (gluing EPS/XPS on waterproofing)	m ²	6 do 10
Tack free time 18°C/60% rel. humid.	min	5 do 10
Application temperature	°C	min. +5 (surface); 20 do 25 (dose)
Foam density	kg/m ³	16 to 18
Cutting time	h	1,5 to 5
Temperature resistance	°C	-40 do +90
Dimensional stability	%	max. -1
Water absorption (DIN 53428)	vol %	max. 1
Compressive strength (DIN 53421)	MPa	0,04 – 0,05
Tensile strength (DIN 53455)	MPa	0,07 – 0,08
Elongation at break (DIN 53455)	%	20 – 30
Thermal conductivity (DIN 52612)	W/ m K	0,036
Flammability class. (DIN 4102-1)	/	B2
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°C 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

The product is packed in pressurized cans. They must be stored in cool, dark rooms, protected from mechanical damage. Transport must be carried out in accordance with the valid "ADR" regulations. The method of use of the product and safety measures are prescribed on the label and in the safety data sheet of the product. Storage: 12 months in an upright position at a temperature of +10°C to +20°C, higher temperatures shorten the time of use.

Disposal considerations of waste

The product must not be disposed of together with household waste. Do not allow to drain into drains. Method of disposal: Doses that are not completely empty can only be destroyed by establishments registered for this purpose.

Only dispose of completely empty cans as waste.

Product waste is classified; waste packaging: 15 01 01 paper and cardboard packaging, 15 01 04 metal packaging, product waste: 08 04 10 waste adhesives and sealants not covered by 08 04 09 (hardened foam), 08 05 01* waste isocyanates (full doses).

The product is in accordance with this technical sheet.

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