

POLYPAZ FR

Catalog Number: Y78014 ,78015 ,78016

Elastomeric bituminous waterproofing membrane. Complies with the requirements of IS 1430/3, IS 921 and IS 13501 (EN13501).

Product description

membrane made of bitumen modified with SBS-type polymers with polyester reinforcement and sand or aggregate finish, compatible with roof waterproofing systems in accordance with the requirements of IS 1430/3 as well as the requirements of IS 921, IS 13501, and European standard 13501 according to classification level B Roof (t2.).

Product Uses

Sealing concrete flat and sloped roofs or on top of a lightweight concrete layer according to the following systems (on top of the infrastructure):

- ✓ Primer GS474 + POLYPAZ fr 5R aggregate finish.
- ✓ Primer GS474 + POLYPAZ fr 4R sand finish + POLYPAZ.R FR aggregate finish.
- ✓ Different systems can be built according to consultation with the manufacturer.

Packaging

4 mm membranes - 20 rolls per pallet
5 mm membranes - 23 rolls per pallet



Advantages

- ✓ Integrates compliance with the requirements of the Fire Standard and the Israeli standard for bituminous membranes for sealing.
- ✓ High resistance to UV radiation.
- ✓ High resistance to heat.
- ✓ Good elasticity in cold weather.

Technical Specifications

Membrane type	SBS	
Name of membrane / grade	POLYPAZ FR	
Thickness (mm)	4	5
Top coat	white sand / aggregate	white aggregate
Polyester fabric reinforcement, gr/M ²	180	
Roll length, m	10	7.5
Roll width, m	1	1
Strength width / length, Newton / 5 cm	600/500	700/650
Extension length / width, %	35/35	
Heat resistance, °C	110	
Cold resistance, °C	-20	
Water pressure resistance 2 atm.	Resistant	

Method of Use

Preparing the area

Verify that the surface to be waterproofed is clean and clear of loose parts, dust, casting shells, concrete morsels, oil and various substances that may impact adhesion. For roofs, prepare the surface according to IS 1752 section 1.

Before membranes are welded, apply bitumen primer type GS474 in a quantity of 250 gr/m².

Method of application

To weld membranes to the foundations and in overlapping areas, use a gas burner suitable for this type of job. First spread the membrane in place, straighten it, roll it back and advance by heating both the membrane and the foundation layer in both directions. When welding overlapping membranes, make sure that some bitumen ("juice") is emitted beyond the overlapping line. Membrane welding on roofs according to the requirements of IS 1752 section 2. For special applications, obtain application instructions from the company. Membranes may be welded when the ambient temperature is higher than 5°C and is on the rise.

Method of use - continued

Remarks

- ✓ Store in a shaded, dry, ventilated place in temperatures over 5°C.
- ✓ Rolls should be stored only in a vertical position, including during work.
- ✓ Do not store a pallet over a pallet.
- ✓ In temperatures lower than 10°C, rolls must be spread with caution.
- ✓ Do not throw the rolls on the roof, place them carefully, especially in low ambient temperatures.
- ✓ Water puddles on the roof are harmful and may damage the membranes, make sure that all parts of the roof have positive slopes in the direction of the receptors in accordance with the requirements of IS 1752, Section 1.

For Safety detailed instructions please refer to Pazkar's safety sheets (MSDS)

Warranty

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