



Polypaz

Catalog Number: Y78101, Y78102, Y78103, Y78104, Y78001, Y78002, Y78003, Y78004

Bitumen waterproofing membrane complies with the requirements of IS 1430/3

Product description

An SBS type polymer modified bituminous membrane with polyester reinforcement and top coating, made of white aggregate (for sun-exposed membranes) or silica sand (for membranes not exposed to sunlight).

Product Uses

Waterproofing flat and sloping roofs, waterproofing underground spaces (even under constant water pressure), sealing plinth walls and retaining walls in buildings, bridges and culverts, parking garages and more.

Packaging

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



Advantages

- ✓ Before using the product please read the safety data sheet (SDS) that can be received in Pazkar LTD Company.
- ✓ Excellent elasticity in low temperatures.
- ✓ Highly resistant in high temperatures.
- ✓ High dynamic-cracks' bridging ability.
- ✓ Blocks Radon gas migration.

Technical Specifications

Membrane type	SBS			
	POLYPAZ M		POLYPAZ R	
Name of membrane / grade				
Thickness (mm)	4	5	4	5
Top coat	Sand / White		Sand / White	
Polyester fabric reinforcement, gr/M2	180	250	180	180
Roll length, m	10	7.5	10	7.5
Roll width, m	1	1	1	1
Strength width / length, Newton / 5 cm	700/650	800/800	600/500	700/650
Extension length / width, %	35/35	40/40	35/35	35/35
Heat resistance, °C	115	115	110	110
Cold resistance, °C	-25	-25	-20	-20
Water pressure resistance 2 atm.	Resistant	Resistant	Resistant	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 leave membranes exposed to direct sunlight prior to application.
- ✓ 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.
- ✓ For installation on lightweight roofs, we recommend asking for a positive gradient of at least 4% inclined towards the stacks.

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

Warranty

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