



Polyplast

Catalog Number: Y77001, Y77002, Y77003, Y77004

Plastomeric bitumen waterproofing membrane complies with the requirements IS 1430/3

Product description

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

Product Uses

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

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.
- ✓ Resistance to heat and uv radiation.
- ✓ Good elasticity in cold weather.

Technical Specifications

Membrane type	APP	
Name of membrane / grade	POLYPLAST R	
Thickness (mm)	4	5
Top coat	Sand / White	
Polyester fabric reinforcement, gr/M2	180	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	35/35
Heat resistance, °C	135	135
Cold resistance, °C	-10	-10
Water pressure resistance 2 atm.	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 data sheets (MSDS)

Warranty

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