

Polypaz Root Resistant

Elastomeric bitumen membrane with root resistant complies with the requirements of IS 1430/3

Product description

An SBS type polymer modified bituminous membrane with a root resistant additive, polyester reinforcement, and a top coat made of Silica sand.

Product Uses

Seals planters, structures and concrete parts that require protection against roots.

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.
- ✓ Root resistance according to standard din 4062.
- ✓ Excellent elasticity in low temperatures.
- ✓ High dynamic-cracks' bridging ability.
- ✓ Blocks Radon gas migration.

Technical Specifications

Name of membrane / grade	POLYPAZ RT M		POLYPAZ RT R	
Thickness (mm)	4 ^(*)	5 ^(*)	4	5 ^(*)
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

(*) Special production, according to minimum quantity and advanced coordination with the factory

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. **Make sure to have a suitable protection and drainage system before filling planters.**

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.
- ✓ Root resistance refers to the tested item according to standard DIN 4062 and does not guarantee resistance to all existing root types.
- ✓ Regarding plant types, consult an agronomist.

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

Warranty

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