



AIWIN PROOF 100



Description:

AIWIN PROOF 100 is one part 100% solid hot applied rubberize waterproofing membrane is a blend of S.B.S. polymer, S.E.B.S polymer with bitumen, additives of (20 % recycle content) to produce high grade of Elastic Rubberized Modified Bitumen membrane to perform extremely well weather at high or low temperature. For use in the Construction for waterproofing underground concrete structure, below grade foundation, horizontal concrete surfaces, roof decks and unexposed top- level parking areas and can be used for the following application: Balcones, planters, pavers, plaza decks, vegetated roofing system and submerged conditions.

Advantages and features

- Can be applied in unregulated concrete or asphalt pavement.
- High elongation and elastic recovery.
- Self-healing properties.
- Seamless and fully bonded, durable monolithic and resilience with stress absorbing Properties.

Application:

All surfaces should be free from dust, dirt, oil, grease, and loose material. The surface should be primed with **AIWIN Primer**, **AIWIN PROOF 100** can be applied in one or two coat by Mopping or brush at the rate of 1 - 1.5 kg./ m²/ coat, Allow 8 hours between each coat, and apply each coat at right angles to the previous coat. However 3 - 5 mm thickness can be obtained in two layers if necessary.

Polyester felt can be used to produce multi-layered, fabric reinforced, hot applied, Rubberized asphalt waterproofing membrane.

AIWIN PROOF 100 Resistance to:

Seawater, alcohol, most salt solutions, available on soil and ground water some dilute acids, Alkalis, fertilizer and waste chemicals,.

Health and Safety:

Avoid inhalation of vapour and insure adequate ventilation. Safety shoes and gloves should be worn.

Packing:

In 15 kg. tin. 15 kg bags, 200 liter Drums, and 10 - 20 ton heated jacketed tanker.

In liquid form at 190 ° C when leaves our factory.

Storage:

Store under cover in dry conditions.



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AIWIN PROOF 100 CONFIRMS TO THE ASTM D6152 STANDARD

TECHNICAL SPECIFICATIONS

PROPERTIES	VALUES
Type	Hot applied rubberized asphalt
Color	Black
Solids content	100 %
Cure time	24 hrs
Thickness	min 2 mm
Crack Bridging	2 mm
Maximum V.O.C. Method 310	8 gm/l
Softening Point (Ring and Ball) ASTM D36	± 115° C
Flash point ASTM D92	min 230° C
Penetration at 25 ° C ASTM D-5	30 - 40 dmm
Brock field viscosity at 140°C ASTM D4402	6000 - 7000
Specific Gravity	1.25 g/ml.
Water Absorption ASTM D570	(0.35 g) maximum Water vapor
Pennance ASTM C 836	1.7 ng/Pa*s* m2 maximum
Ratio of Toughness to Peak Load	At (25° C) 0.04 minimum
Low Temperature Flexibility ASTM D3 111	-10 to -20 ° C
Tensile Elongation Test Method ASTM D412	850 %
Elastic Recovery ASTM D412	80 %
Hydrostatic resistance water tight after 24 hours under 6 m of water.	

This technical data complement to ASTM, B.S, and UEAtc.
This product data sheet supersedes all previous data publication pertaining to this product.
All values given refer to standard production within the usual factory tolerance.
(Variation of ±5% in thickness, ±10% in weight, and 20% in tensile and 15% in elongation is acceptable according to standard).
Aiwin reserve the right to change said values without advance notice but without affecting the quality of the product.