

DanaBit



Bituminous Waterproofing Membranes

Oxidised Bitumen Membrane

Introduction

DanaBit is our value for money (VFM) product which has been certified by ISIRI type BOF membranes for use in various climates.

The multi-layered design provides good pliability, tensile strength, workability and resistance to Middle Eastern climatic conditions.

The bitumen is a catalytically air blown asphalt, which prevents the bitumen to flow in high-temperature (up to 90 degrees) as well as its flexibility at low temperatures (between 0 to +5 degrees).

DanaBit waterproofing membrane consists of different kinds of reinforcements (single or double layer) impregnated and coated on both sides with oxidised bitumen.

Reinforcements

- **Single Layer** : Polyester, compound base, Glass Fibre
- **Double Layer** : Glass Fibre reinforced Polyester.

DanaBit is produced in different kinds of reinforcements and thicknesses based on your requirements.

General Data

- Nominal Roll Length: 10m
- Nominal Roll Width: 1m
- Nominal Thickness: 2-5

Top Surface (Upper-face protections)

- Natural Slate Flake
- Silica Sand
- Embossed Aluminum Foil
- PE Film

Application method: Gas Torch



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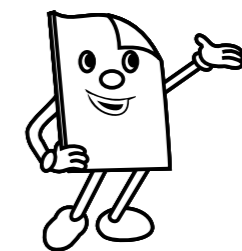
Application Fields

DanaBit membranes may be used for a wide range of waterproofing applications including roofs, terraces, basements, tunnels and Swimming Pool.

DanaBit Oxidised Bitumen Membrane						
SPECIFICATION		RESULT			TEST METHOD	
		Compound Base	Fiberglass + Polyester	Polyester Mat		
1	Elongation (%)	Long.	5	20	30	ISIRI 3882
		Trans.	5	20		
2	Tensile Strength(N/5cm)	Long.	500.00	400.00	500.00	ISIRI 3882
		Trans.	300.00	200.00	300.00	
3	Tear Strength (N)	Long.	80.00	100.00	80.00	ISIRI 3863 Method B
		Trans.	50.00	100.00	50.00	
4	Water Absorption (%)		0.50			ISIRI 3879
5	Flexibility At Low Temperature		+5			ISIRI 3881
6	Heat Resistance (°C)		≥90			ISIRI 3862
7	Water Permeability (kpa)		60			ISIRI 3861
8	Thickness (mm)		2.00 – 4.00			ISIRI 3878
9	Roll Width (cm)		100			ISIRI 3878

Outstanding Features

- Excellent cost performance ratio.
- Good resistance to fatigue and tear.
- Outstanding bondability and seam integrity.
- Impact and puncture resistant.



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