

Duo HT 4 Slates/F C180 Landscape



Technical approvals: Tested and certified according to EN13948: determination of resistance to root penetration.

BRANZ Appraised
Appraisal No.685 [2010]

Description & Application:

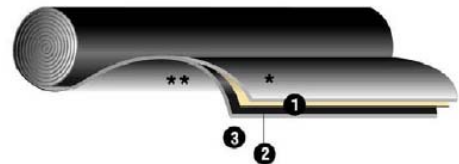
A flexible waterproofing membrane with a dual reinforcement and a double polymeric bitumen coating. The upper coating consists of APAO (Amorphous Poly Alpha Olefins) - modified bitumen, with root resistant additives, resulting in a high mechanical resistance and is UV resistant. The undercoating consists of SBS (Styrene Butadiene Styrene) - modified with high elasticity and strong adhesion properties. The selvedge is coated with SBS modified bitumen to ensure a SBS-SBS seal. This provides an easy application technique and perfectly sealed joints.

The composite reinforcement of polyester and glass scrim, (180 g/m²) combine to provide strength and stability. The upper side is finished with mechanically pressed in, coloured slates; and the underside is finished with a sacrificial film.

This membrane is designed as a cap sheet for multi-layer or single layer torched application, for root resistant waterproofing systems (green roofs).

Packaging:

Roll size: 1x8 m
Roll weight: 37 kg
Number of rolls on a pallet: 23



- * Upper finishing: coloured slates
- 1. Upper coating in APAO plastomeric bitumen.
- 2. Composite reinforcement 180 g/m² of polyester and glass scrim
- 3. Under coating in SBS elastomeric bitumen
- ** Under finishing: sacrificial film

Technical Data:

Test (Units)	Mean results	Method
Ring & ball (°C) APAO top coating SBS under coating	154.5 128	MOAT 30:6G MOAT 31:6G
Low temperature flexibility (°C) APAO top coating SBS under coating	-15 -20	EN 1109 EN 1109
Heat resistance (°C)	≥ 110	EN 1110
Fatigue cycling	pass	MOAT 64 :4.3.5
Tensile strength (N/50mm) Longitudinal Transversal	1101 702	MOAT 30:6C MOAT 30:6C
Elongation at break (%) Longitudinal Transversal	65 56	MOAT 30:6C MOAT 30:6C



Technical Data continued:

Test (Units)	Mean results	Method
Tear resistance (N)		
Longitudinal	229	MOAT 27:5.4.1
Transversal	260	MOAT 27:5.4.1
Dimensional stability (%)		
Longitudinal	-0.3	MOAT 27:5.1.6
Transversal	-0.2	MOAT 27:5.1.6
Static indentation	L ₂₅	EN 12730
Dynamic indentation	I ₁₀	EN 12691

Health & Safety:

Duo Bitumen Primer is solvent-based and must be used with adequate ventilation. Remove all naked flames and sources of ignition. Adequate ventilation is required to minimise exposure to bitumen fumes during the torching process. Material Safety Data Sheet (MSDS) must be read and understood prior to use of product.

Storage:

Duo rolls should be stored in a dry area, always in an upright (vertical) position. Do not lay rolls flat (horizontal) when storing.

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