

Duo HT 4 Slates/F C180 Landscape



BBA n° 98/3537



Appraisal No.
685 [2016] NZ



NL-BSD-BD
007



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0123-01



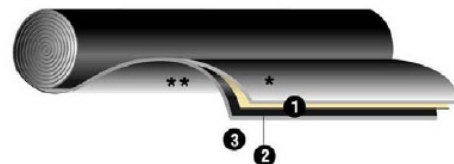
ATG 2825

Description & Application:

A flexible waterproofing membrane with a dual reinforcement and a double polymeric bitumen coating. The upper coating consists of TPO (Thermoplastic PolyOlefins) - modified bitumen, resulting in a high mechanical resistance and is UV resistant. The undercoating consists of SBS (Styrene Butadiene Styrene) - modified bitumen with high elasticity and strong adhesion properties. The composite reinforcement of polyester and glass scrim, (180 g/m²) combine to provide strength and stability. The upper side is finished with optimally pressed in coloured slates and the underside is finished with a sacrificial film. The selvedge with a width of 8 cm is coated with SBS modified bitumen to ensure a SBS-SBS seal. This provides an easy application technique and perfectly sealed joints. This coating is enriched with root resistant additives and the membrane is therefore especially used as a cap sheet for root resistant waterproofing systems (green roofs) for single or multi-layer torched applications.

Packaging:

Roll size: 8 m
Roll weight: 37 kg
Number of rolls on a pallet: 23



- * coloured slates
- 1. Upper coating in TPO-plastomer modified bitumen
- 2. Composite reinforcement 180 g/m² of polyester and glass scrim
- 3. Under coating in SBS elastomer bitumen
- ** sacrificial film

Technical Data:

Characteristics	Test Method	Units	Expression of Result	Value
Length x width	EN 1848-1	m x m	MLV ≥	8 x 1
Thickness	EN 1849-1	Mm	MDV ± 5%	4
Visual defects	EN 1850-1	-	Pass / No Pass	Pass
Straightness	EN 1848-1	-	Pass / No Pass	Pass
External fire performance	ENV 1187	-	In accordance with EN 13501-5	NPD
Reaction to fire	EN 13501-1	-	In accordance with EN 13501-1	F
Resistance to root penetration (*)	EN 13948	-	Pass / No Pass	Pass
Tensile strength (L/T)	EN 12311-1	N/50 mm	MDV ± 20%	880/880
Elongation (L/T)	EN 12311-1	%	MDV ± 15	50
Resistance to static loading	EN 12730	Kg	MLV ≥	L25
Resistance to impact	EN 12691	Mm	MLV ≤	I10
Dimensional stability	EN 1107-1	%	MLV ≤	0.3
Flexibility at low temperature TPO/SBS - initial - after aging (EN 1296)	EN 1109	°C °C	MLV ≤	-15/-20 -5/-5



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Technical Data continued:

Flow resistance at elevated temperature - initial - after aging (EN 1296)	EN 1110	°C °C	MLV ≥	110 100
Joint strength: shear resistance	EN 12317-1	N/50 mm	MDV ± 250	750
Water tightness	EN 1928		Pass / No Pass	Pass
Adhesion of granules	EN 12039	%	MDV ± 5%	10

(*) ATG 2825 from UBAtc

MDV: Manufacturer's Declared Value

MLV: Manufacturer's Limiting Value

NPD: No Performances Declared

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. Safety Data Sheet (SDS) must be read and understood prior to use of product.

Storage:

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

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