

Duo HT 4 Slates/F C180 FC



BBA n° 98/3537



Appraisal No.
685 [2016] NZ



NL-BSD-BD
007



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ATG 1924



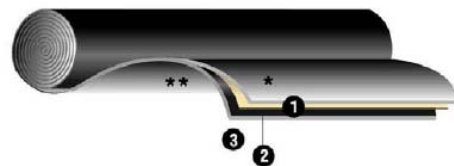
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Description & Application:

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. It is especially used as a cap sheet for single layer 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 |
| 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 |
| Water tightness after stretching at low temperature | EN 13897 | % | MLV ≥ | 10 |
| Adhesion of granules | EN 12039 | % | MDV ± 5% | 10 |

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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