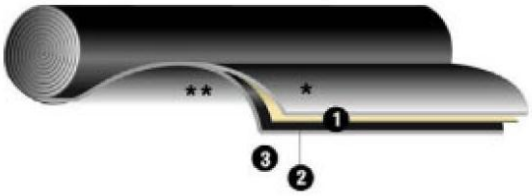
DuO B&T 5 GRAN/F C250

SLPMI classification **:** **S_2(I)L(B)P_6I(6)** according to annex A from ATG 13/2401



* mechanically pressed-in granules
1. Upper coating: TPO-plastomeric bitumen
2. Composite reinforcement 250 g/m² of polyester and glass
3. Undercoating: SBS-elastomeric bitumen

** Sacrificial film

DE BOER WATERPROOFING SOLUTIONS NV
Metropoolstraat 33, B-2900 SCHOTEN

DESCRIPTION AND APPLICATION

A flexible waterproofing membrane with a dual reinforcement and a double polymeric bitumen coating. The upper coating consists of TPO (Thermoplastic Poly Olefins) - 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 & glass scrim (250 g/m²) combine to provide strength and stability. Thickness 5 mm. The upper side is finished with mechanically pressed-in granules; the underside is finished with a sacrificial film. This membrane has been especially designed to be used under a protective layer of hot rolled asphalt.

SLPMI CLASSIFICATION

• **S** (**S**ubstrate)	**S_2(I)**	Concrete. The nominal thickness in mm of the surface binder under the reinforcement is equal to 2.
• **L** (protective **L**ayer)	**L(B)**	Hot rolled asphalt.
• **P** (**P**uncture resistance)	**P_6**	P_6: The waterproofing is accessible for construction vehicles of more than 3,5 tons.
• **I** (**I**nclination)	**I(6)**	Maximum inclination of the support: 6 %.

TECHNICAL APPROVALS

UBAtc ATG 2401 **BC2-381-0296-0001-0296**

PACKING

Length (m)	Weight (kg)	Rolls/pallet 100 x 120 cm	Other dimensions and packaging are possible on specific demand
8	44	20	

CONSUMER INFORMATION

Rolls have to be stored vertically. Membranes have to be installed on a support that has been treated with the suited bituminous primer: DuO Primer B&T; the quantity to be applied is between 100 and 300 g/m² depending on the porosity of the carrier. For more detailed information and instructions we refer to our website: www.deboer.be.

DuO B&T 5 GRAN/F C250

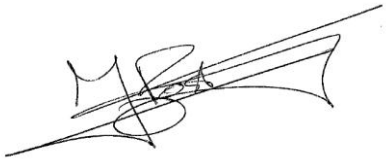
SLPMI classification **:** **S_2(I)L(B)P_6I(6)** following annex A from ATG 13/2401

TECHNICAL CHARACTERISTICS

Characteristics	Test method / classification	Units	Expression of result	Value / statement
Length x Width	EN 1848-1	m x m	MLV >	8 x 1
Thickness	EN 1849-1	mm	MDV ± 5%	5
Visual defects	EN 1850-1	-	Pass / no pass	Pass
Straightness	EN 1848-1	-	Pass / no pass	Pass
Initial amount of mineral surface protection	EN 12039, Annex B EN 14695, Annex D	g/m²	MDV ± 15%	1800
Tensile strenght (L/T)	EN 12311-1	N/50 mm	MDV ± 20%	1250/1250
Elongation (L/T)	EN 12311-1	%	MDV ± 15 abs	55
Water absorption	EN 14223	%	MLV ≤	1,0
Dimensional stability	EN 1107-1	%	MLV ≤	0,3
Flexibility at low temperature TPO/SBS -initial -after ageing (EN 1926)	EN 1109	°C °C	MLV ≤	-15/-20 -6/-6
Flow resistance at elevated temperature -initial -after ageing (EN 1926)	EN 1110	°C °C	MLV ≥	100 90
Bond strength	EN 13596	N/mm²	MLV ≥	0,4
Shear strength	EN 13653	N/mm²	MLV ≥	0,1
Crack bridging ability (-20 °C)	EN 14224	-	Pass / no pass	Pass
Compatibility by heat conditioning	EN 14691	%	MLV >	100
Resistance to compactation of an asphalt layer	EN 14692	-	Pass / no pass	Pass
Water tightness (without pre-treatment, according to EN 14695)	EN 14694 EN 14695	-	Pass / no pass	Pass

MDV: Manufacturer's Declared Value
MLV: Manufacturer's Limiting Value
NPD: No Performances Declared

JOHAN PASTUER - Responsible Knowledge Centre Roof Techniques



Last modification: 2014-02-24
Version 6