

# DuO High Tech 4 WGG/F C180 Mecano



- \* white/green/grey colored slates
- 1 Upper coating : TPO-plastomer modified bitumen
- 2 Composite reinforcement (180 g/m<sup>2</sup>) of polyester and glasscrim
- 3 Undercoating : SBS-elastomer modified 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 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 & glass scrim, (180 g/m<sup>2</sup>) combine to provide strength and stability. The upper side is finished with, an optimally pressed in, mixture of white/green/grey colored slates and the underside is covered with a sacrificial film. The selvedge with a width of 13 cm is coated with SBS modified bitumen to ensure an SBS-SBS seal. This provides an easy application technique and perfectly sealed joints. With an extra wide selvedge it is especially used as a cap sheet for single layer mechanically fixed application.

## TECHNICAL APPROVALS



UBATc ATG 1924



BBA n° 98/3537



NL-BSB-BD 007



BC2-310-0296-0123-01

## PACKING

Length (m)	Weight (kg)	Rolls/pallet 100 x 120 cm	Other dimensions and packing are possible on specific demand.
8	37	23	

## CONSUMER INFORMATION

Rolls have to be stored vertically. For instructions for use and specific roofing specifications we refer to our website : [www.deboer.be](http://www.deboer.be) .

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## TECHNICAL CHARACTERISTICS

Characteristics	Test method / classification	Units	Expression of result	Value / statement
Length x width	EN 1848-1	m x m	MLV $\geq$	8 x 1
Thickness	EN 1849-1	mm	MDV $\pm$ 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 $\pm$ 20%	880/880
Elongation (L/T)	EN 12311-1	%	MDV $\pm$ 15	50
Resistance to static loading	EN 12730	kg	MLV $\geq$	L25
Resistance to impact	EN 12691	mm	MLV $\leq$	110
Resistance to tearing (nail shank) (L/T)	EN 12310-1	N	MDV $\pm$ 50	300
Dimensional stability	EN 1107-1	%	MLV $\leq$	0,3
Flexibility at low temperature TPO/SBS - initial - after ageing (EN 1296)	EN 1109	$^{\circ}$ C $^{\circ}$ C	MLV $\leq$	-15/-20 -5/-5
Flow resistance at elevated temperature - initial - after ageing (EN 1296)	EN 1110	$^{\circ}$ C $^{\circ}$ C	MLV $\geq$	110 100
Joint strength : peel resistance	EN 12316-1	N/50 mm	MDV $\pm$ 50	150
Joint strength : shear resistance	EN 12317-1	N/50 mm	MDV $\pm$ 250	750
Water tightness	EN 1928		Pass/No pass	pass
Water tightness after stretching at low temperature	EN 13897	%	MLV $\geq$	10
Adhesion of granules	EN 12039	%	MDV $\pm$ 5%	10

MDV : Manufacturer's Declared Value

MLV : Manufacturer's Limiting Value

NPD : No Performances Declared

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