

**101A-V. Derbicoat HP**

<b>CE</b>	
0749	
Date and reference of data sheet :	31/01/2011 Ref 101A-V
Product trade name :	DERBICOAT HP
Manufacturer :	IMPERBEL SA – Perwez - Belgium
EC Certificate - year and number :	07 BC2-310-0305-123-01
European standard reference :	EN 13707
Product description :	Plastomeric modified bitumen Reinforcements : Composite glass / polyester Surfacing : upper side : talk back side : talk Method of application : torched (1) glued mechanically fastened Roofing system : under layer not for single layer

(1) not for Derbicoat HP 2mm

Packaging :						
Characteristics	Test method / Classification	Units	Expression of result	Values		
Thickness	EN 1849-1	mm	MDV ( $\pm 0,2$ )	2	2,5	3
Length	EN 1848-1	m	MLV	12,73	12,73	12,73
Width	EN 1848-1	m	MLV	1,10	1,10	1,10
Surface	-	m <sup>2</sup>	MLV	14	14	14
Mass per unit area	EN 1849-1	kg/m <sup>2</sup>	MDV ( $\pm 0,250$ )	2,250	2,850	3,450
Roll weight	-	kg	MDV ( $\pm 2$ )	31	40	48
Number of rolls per pallet	-	-	-	30	25	20

**101A-V. Derbicoat HP**

<b>Product performance :</b>				
<b>Characteristics</b>	<b>Test method / Classification</b>	<b>Units</b>	<b>Expression of result</b>	<b>Value or statement</b>
Watertightness	EN 1928 / A	-	-	Pass
External fire performance	ENV 1187	-	Classification according to EN 13501-5	See manufacturer documentation
Reaction to fire	ISO 11925-2	-	Classification according to EN 13501-1	E
Maximum tensile force : - longitudinal direction - transversal direction	EN 12311-1	N/50mm	MDV	555 (± 20%) 500 (± 20%)
Tensile elongation : - longitudinal direction - transversal direction	EN 12311-1	%	MDV	40 (± 15) 40 (± 15)
Resistance to tearing	EN 12310-1	N	MDV	200 (± 20%)
Flow resistance at elevated temperature	EN 1110	°C	MLV	140
Flexibility at low temperature	EN 1109	°C	MLV	- 15
Water vapor transmission properties	EN 1931 /EN 12524	-	Factor $\mu$	50 000
MLV=Manufacturer's limiting value MDV=Manufacturer's declared value NPD=No Performance determined				