

## TECHNICAL SHEET OF CONFORMITY EN 13707

Product	<b>NORDSTABIL MIN. 4000</b>	0101GC054K40FA0015A
Family	<b>BPP0303</b>	
Carrier	Composit polyester	
Compound	Plastomeric bitumen membrane	

<b>Backing</b>	PE FILM <input checked="" type="checkbox"/>	SAND <input type="checkbox"/>	SLATE GRANULES <input checked="" type="checkbox"/>	PP FILM <input type="checkbox"/>	OTHER <input type="checkbox"/>
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<b>Use</b>	SINGLE LAYER <input type="checkbox"/>	TOP LAYER <input checked="" type="checkbox"/>	UNDERLAY <input type="checkbox"/>	UNDER HEAVY PROTECTION <input type="checkbox"/>	ROOF GARDENS <input type="checkbox"/>
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<b>Method of application</b>	TORCH <input checked="" type="checkbox"/>	GLUE <input type="checkbox"/>	HOT AIR <input type="checkbox"/>	MECHANICALLY FIXING <input type="checkbox"/>	SELFADHESIVE <input type="checkbox"/>
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**NOTE :** Apply a reflecting paint ( except differently specified ) on the surface of plastomeric bitumen membranes without mineral granules. to protect them when used as a single layer or toplayer exposed  
For a correct use of the product always check Nord Bitumi Technical Manual

CHARACTERISTIC	TEST METHOD	UNITS	TOLLERANCE	VALUE
Length/Width	EN 1848-1	m	MLV	10,0-1% / 1,0-1%
Visible defects	EN 1850-1	Visual		None
Mass per unit area	EN 1849-1	Kg/m <sup>2</sup>	MDV ± 10%	4,0
Straightness	EN 1848-1	mm/10 m	MLV	< 20
Watertightness at 60KPa	EN 1928 - B	Kpa		Pass
External fire performance	EN 13501 - 5			F Roof
Reaction to fire	EN 13501 - 1	Class		F
Tensile strength ( L / T )	EN 12311 - 1	N/50mm	MDV - 20%	700 550
Elongation (1) ( L/T)	EN 12311 - 1	%	MDV - 15	40 40
Resistance to tearing (2) ( L / T )	EN 12310 - 1	N	MDV - 30%	200 200
Dimensional stability (L)	EN 1107 - 1	%	MLV	-0,3
Flexibility at low temperature	EN 1109	°C	MLV	-10
Flow resistance < 2mm	EN 1110	°C	MLV	+130
Joint strength ( shear resistance)	EN 12317 - 1	N/50mm	MDV - 20%	600 450
Artificial ageing: Flow resistance	EN 1296/1110	°C	MDV - 10°C	+120°
Adhesion of granules	EN 12039	%	MDV	< 30
Resistance to impact	EN 12691	mm	MLV	900
Resistance to static loading	EN 12730	Kg	MLV	15

1) For membranes reinforced with fiberglass : MDV - 2 absolut

2) For membranes reinforced with fiberglass : NPD ( no performance determined )

Water vapour properties ( EN 1931 ) : If the factor  $\mu$  is not determined, a value of 20,000 may be used for calculation purposes

MDV = manufacturer's declared value

MLV = manufacturer's limiting value

**DANGEROUS SUBSTANCES :** according to the Italian law "Ministerial decree n°65 of 14.03.2003 the product does not contain dangerous substances, the release of a safety data sheet is not mandatory  
Upon request Nord Bitumi may send an informative data sheet for a correct use of the product.

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<b>Rev.</b>	<b>Date</b>
01	01/09/2006

<b>Date</b>
12/10/2006

**M.03.05 Rev. 01**