

TECHNICAL SHEET OF CONFORMITY EN 13707

Product	ITER FORTE 17 A MINERALE 5000 ITB					0101GP040M40FA0015A
Family	BPP0501					
Carrier	Reinforced spunbond polyester					
Compound	Plastomeric -PAO-bitumen membrane					
Backing	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"/>	
Use	SINGLE LAYER <input checked="" type="checkbox"/>	TOP LAYER <input type="checkbox"/>	UNDERLAY <input type="checkbox"/>	UNDER HEAVY PROTECTION <input type="checkbox"/>	ROOF GARDENS <input type="checkbox"/>	
Method of application	TORCH <input checked="" type="checkbox"/>	GLUE <input type="checkbox"/>	HOT AIR <input type="checkbox"/>	MECHANICALLY FIXING <input checked="" type="checkbox"/>	SELFADHESIVE <input type="checkbox"/>	

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	7,50 -1% / 1,0-1%
Visible defects	EN 1850-1	Visual		None
Thickness	EN 1849-1	mm	MDV - 0,2 mm	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%	950 750
Elongation (1) (L/T)	EN 12311 - 1	%	MDV - 15	40 40
Resistance to tearing (2) (L / T)	EN 12310 - 1	N	MDV - 30%	210 210
Dimensional stability (L)	EN 1107 - 1	%	MLV	-0,3
Flexibility at low temperature	EN 1109	°C	MLV	-20
Flow resistance < 2mm	EN 1110	°C	MLV	+140
Joint strength (peel resistance)	EN 12316 - 1	N/50mm	MDV - 20N	70
Joint strength (shear resistance)	EN 12317 - 1	N/50mm	MDV - 20%	850 650
Watertightness after stretching	EN 13897			NPD
Artificial ageing :Flexibility at low temperature	EN 1296/1109	°C	MDV + 15°C	-10°
Artificial ageing: Flow resistance	EN 1296/1110	°C	MDV - 10°C	+140
Adhesion of granules	EN 12039	%	MDV	< 30
Resistance to impact	EN 12691	mm	MLV	1000
Resistance to static loading	EN 12730	Kg	MLV	20

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 μ 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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01	01/09/2006

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07/10/2006

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