

# PRODUCT DATA SHEET

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## Mineroll BASE 4000

Document number : BG1451

Publication Date: 11.01.2023 Revision date : 11.01.2023

<b>PRODUCT DESCRIPTION</b>	Elastomeric modified bituminous waterproofing membrane			
<b>USAGE</b>	Used as underlay and intermediate layer to waterproof terraces and roofs. It can also be used for waterproofing and damp proofing of underground structures, basement and storage tanks. Type A - Type T			
<b>APPLICATION METHOD</b>	Torched. Please refer to application booklet			
<b>TOP SURFACE</b>	Polyethylene Film			
<b>BOTTOM SURFACE</b>	Polyethylene Film			
<b>REINFORCEMENT TYPE</b>	Polyester			
<b>STORAGE</b>	Rolls to be stored upright and away from heat			
<b>ECOLOGICAL DATA</b>	Can be used in natural atmosphere			
TEST	METHOD	UNIT	TOLERANCE	VALUES
Visible defects	EN 1850-1	-	-	NONE
Length	EN 1848-1	m	-0,03	10
Width	EN 1848-1	m	-0,02	1
Straightness	EN 1848-1	-	-	PASS
Unit of weight	EN 1849-1	kg/m <sup>2</sup>	±%10	4
Watertightness	EN 1928 (method A 10kPa)	-	-	PASS
	EN 1928 (method B 60kPa)	-	-	PASS
Reaction to fire	EN 13501-1	SINIF	-	E
Shear resistance of joint	EN 12317-1	N/50mm	-	NPD
Water vapour transmission properties	EN 1931	-	min.	20.000
Tensile Strength (Longitudinal)	EN 12311-1	N/50mm	-%10 ; +%50	800
Elongation at break (Longitudinal)	EN 12311-1	%	(-0 ; +20)	35
Tensile Strength (Transverse)	EN 12311-1	N/50mm	-%10 ; +%50	600
Elongation at break (Transverse)	EN 12311-1	%	(-0 ; +20)	35
Resistance to impact	EN 12691 (method A)	mm	min.	NPD
Resistance to static loading	EN 12730 (method B)	kg	min.	NPD
Resistance to tearing (Longitudinal)	EN 12310-1	N	±50%	250
Flexibility at low temperature	EN 1109 (top surface)	°C	min.	-20
	EN 1109 (bottom surface)	°C	min.	-20
Flow resistance at elevated temperature(<2mm)	EN 1110	°C	min.	100
Artificial Ageing	EN 1296/ EN 1928 (Method B 60kPa)	-	-	PASS
Resistance to chemicals	EN 1847/ EN 1928 (Method B 60kPa)	-	-	PASS
Dangerous substances	Doesn't contain asbestos or coal tar constituents.			

NPD = (No performance defined)

\* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet