

# Multival Plus 4PL

<b>Description</b>	High performance multi-compound APP/SBS modified bitumen membrane for new roofing and refurbishment works. APP compound above the reinforcement is designed to increase ageing resistance. SBS compound under the reinforcement provides excellent adhesion.	
<b>CE</b>	Single layer system for roofing works according with EN13707. Layer for foundation according with EN13969.	
<b>Field of use</b>	Technical roofs under heavy protection. Layer for foundation.	
<b>Certifications and Agreements</b>	CE marking - FPC certificate number 1370-CPR-0042	
<b>Composition</b>	<b>Top Surface:</b> Fine sand	
	<b>Back Surface:</b> Film	
	<b>Reinforcement:</b> Polyester reinforced with fiber glass	
<b>Method of application</b>	Fully torch applied	
<b>Dimension and packaging</b>	<b>Multival Plus</b>	<b>4PL</b>
	Thickness (mm)	4,0
	Weight (kg/m <sup>2</sup> )	-
	Rolls (m)	1x10



Property	Test Method	Unit	Value	Tolerance
Length	EN 1848-1	m	10	-1%
Width	EN 1848-1	m	1,0	-1%
Thickness	EN 1849-1	mm	4,0	±0,2
Weight	EN 1849-1	Kg/m <sup>2</sup>	NPD	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	800/630	-20%
Elongation at max	EN 12 311-1	L x T (%)	45/45	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	200/200	-30%
Static load	EN 12 730	Kg	20	≥
Resistance to impact	EN 12691	mm	1000	≥
Joints Shear resistance	EN 12317-1	N / 50mm	600/500	-20%
Flexibility at low temperature	EN 1109	(°C)	-20 / -20	≤
Flow resistance at elevated temperature	EN 1110	(°C)	100	≥
Dimensional stability	EN 1107-1	%	±0,3	≤
Flexibility at low temperature after thermal ageing	EN1296 EN 1109	(°C)	-15	+15
Flow resistance at elevated Temperature after thermal ageing	EN1296 EN 1110	(°C)	90	-10
Long exposure ageing - UV radiations combined with heat and water	EN1297 EN1850-1	-	Assenza difetti/ No defects	-
Watertightness	EN 1928-B	kPa	60	≥
Reaction to fire	EN 13501-1	-	F	-
External fire performance	EN 13501-5	-	Froof	-

### Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

### Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.