

Millboard Plas-pro

100 x 100 x 3000mm - Plas-pro post - P1010B300

125 x 50 x 3000mm - Plas-pro joist - P1205B300

50 x 50 x 2400mm - Plas-pro batten- P0505B240

60 x 30 x 2800mm - Plaspro batten - P0603H280

Weights and Measures

Post Dimensions (H x D x W)	100 x 3000 x 100mm
Weight Per Length	27.9kg
Joist Dimensions (W x D x H)	125 x 3000 x 50mm
Weight Per Length	20.9kg
Batten Dimensions (W x D x H)	50x 2400 x 50mm
Weight Per Length	5.6kg
Batten Dimensions (W x D x H)	30 x 2800 x 60mm
Weight Per Length	4.7kg

The information in this document was correct at the time of going to print, due to our culture of continuous improvement we reserve the right to change the information at any time without prior notice should further tests reveal different results.

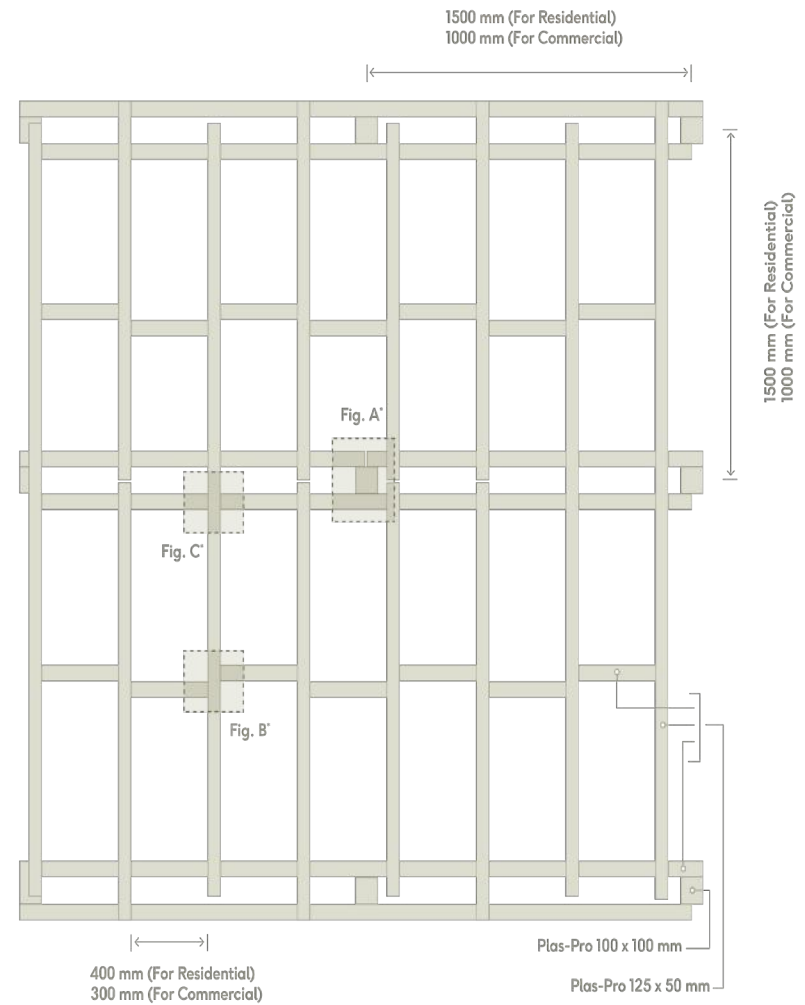
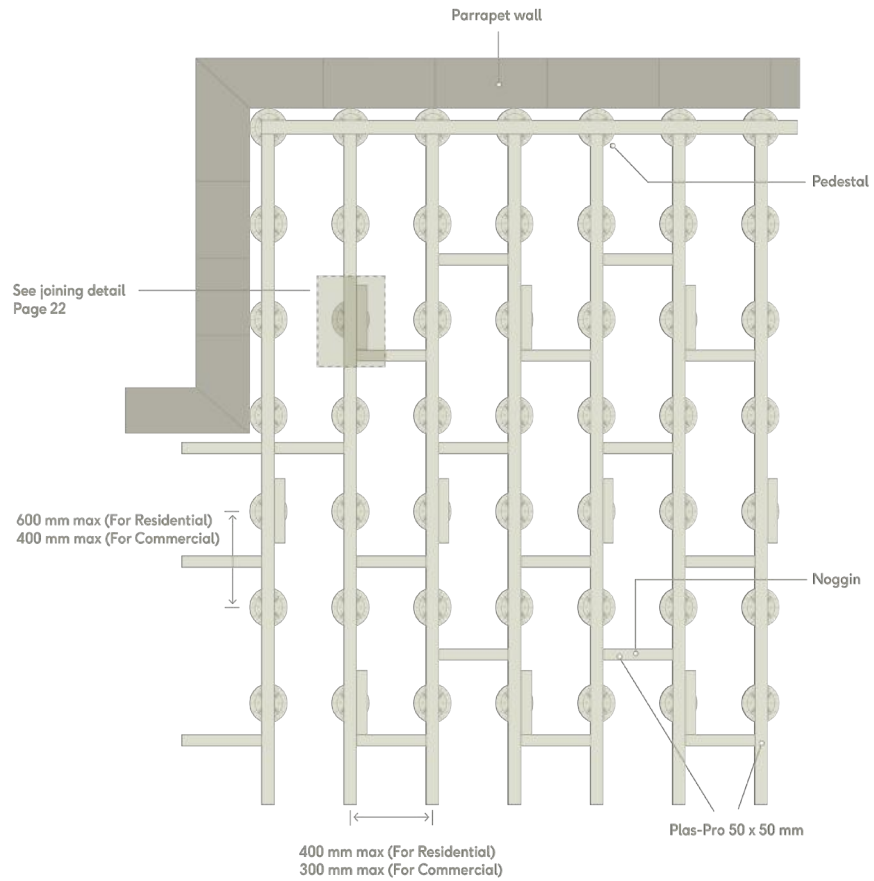


Millboard Product Specification Guide Plas-pro

millboard®

Live.Life.Outside.

Outdoor Flooring System



Technical Data

Technical Data For Plas-Pro®				Plas-Pro Size
Test	DIN EN ISO Standard	Result		50x50mm & 100x100mm
3 Point Bend	178	Flexural Stress	-5oC	21.2
		Bending E-Modulus	-5oC	1,289
		Flexural Stress	+23oC	11.6
		Bending E-Modulus	+23oC	561
		Flexural Stress	+65oC	4.6
		Bending E-Modulus	+65oC	162
Tensile	527-2	Strength		MPa
		Elongation		%
		Tensile E-modulus		MPa
Timed Tensile	899-1	Tensile E-modulus	1 hour	MPa
			24 hours	-
			100 hours	202
Timed 3 Point Bend	899-2	Bending E-Modulus	1 hour	MPa
			24 hours	271
			100 hours	235
Pressure Characteristics	604	Compression Strength	1% Stretch	MPa
			2% Stretch	1.8
			10% Stretch	3.3
			20% Stretch	13.3
			At yield	18.2
		Pressure E-Modulus	-	
Charpy Test	179	Impact Resistance		kJ/m2
Impact Shore Hardness	868	Shore Hardness		-
Density Test	1183-1	Density		g/cm3
Water Absorbtion	62	+23oC, 50% R.I		<1
		+23oC in water		<1
		+100oC in water		<1
Resistance	600934	Surface Resistance		3.2 x 1013
		Specific Surface Resistance		3.2 x 1014
		Flow/Contact Resistance		9.0 x 1013
		Specific Flow/Contact Resistance		4.5 x 1014
Ball Striking Test	2039-1	Ball Striking Hardness		N/mm2
Thermal Expansion	-	Coefficient of Thermal Expansion		1/oC
Screw Pull Out Force	-	Drilled Material		N
		Non Pre-Drilled Material		N

Technical Data For Plas-Pro®				Plas-Pro Size
Test	DIN EN ISO Standard	Result		125x50mm
3 Point Bend	178	Flexural Stress	-5oC	MPa
		Bending E-Modulus	-5oC	35.1
		Flexural Stress	+23oC	24
		Bending E-Modulus	+23oC	1,424
		Flexural Stress	+65oC	16.5
		Bending E-Modulus	+65oC	856
Tensile	527-2	Strength		MPa
		Elongation		%
		Tensile E-modulus		MPa
Timed Tensile	899-1	Tensile E-modulus	1 hour	MPa
			24 hours	1,043
			100 hours	975
Timed 3 Point Bend	899-2	Bending E-Modulus	1 hour	MPa
			24 hours	852
			100 hours	1,159
Pressure Characteristics	604	Compression Strength	1% Stretch	MPa
			2% Stretch	2.5
			10% Stretch	5.3
			20% Stretch	27.9
			At yield	-
		Pressure E-Modulus	29.0	
Charpy Test	179	Impact Resistance		kJ/m2
Impact Shore Hardness	868	Shore Hardness		-
Density Test	1183-1	Density		g/cm3
Water Absorbtion	62	+23oC, 50% R.I		1.0529
		+23oC in water		<1
		+100oC in water		<1
Resistance	600934	Surface Resistance		1.5 x 1014
		Specific Surface Resistance		1.5 x 1015
		Flow/Contact Resistance		>2.0 x 1014
		Specific Flow/Contact Resistance		>8.4 x 1014
Ball Striking Test	2039-1	Ball Striking Hardness		N/mm2
Thermal Expansion	-	Coefficient of Thermal Expansion		1/oC
Screw Pull Out Force	-	Drilled Material		N
		Non Pre-Drilled Material		N

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