

# PULTRUDED FIBRE GLASS REINFORCED 25mm DATA SHEET

RESIN TYPE: ISOPHTHALIC POLYESTER (IFR-25)



DESCRIPTION	Industrial Grade Corrosion Resistance & Fire Retardant
CORROSION RESISTANCE	Very Good
FIRE RETARDANT	Flame spread rating to ASTM E-84 Class 1, 25 or less
UV RESISTANCE	Yes
METHOD OF MANUFACTURE	Continuous glass fibre strand feed through resin and pultruded through a heated die, cut to length and interlocked with solid pultruded transverse bars.
MESH SIZE	38mm x 150mm
OPEN AREA	60%
BEARER BAR DEPTH	25mm
BAR THICKNESS	15mm (top) and bottom "I" section
MASS	+/- 11.2 kgs/m <sup>2</sup>
TOP SURFACE	Smooth or quartz gritted for long lasting non-slip finish
STANDARD COLOUR	Grey & Yellow
PANEL SIZES:	3000mm x 1000mm

## LOAD DEFLECTION (UDL) 38mm DEEP 38X150 CODE # I-6015

Span	UNIFORMLY DISTRIBUTED LOAD						Max Load
	1000 kgs/m <sup>2</sup>	1900 kgs/m <sup>2</sup>	3900 kgs/m <sup>2</sup>	7000 kgs/m <sup>2</sup>	9500 kgs/m <sup>2</sup>	19500 kgs/m <sup>2</sup>	
450mm	0.51mm	0.76mm	1.52mm	2.79mm	3.81mm	7.37mm	48380kgs
600mm	1.27mm	2.29mm	4.57mm	8.38mm	11.18mm	-	28344kgs
900mm	5.84mm	10.92mm	-	-	-	-	12559kgs
1200mm	17.78mm	-	-	-	-	-	6988kgs

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MESH SIZE	38mm x 150mm
OPEN AREA	60%
BEARER BAR DEPTH	38mm
BAR THICKNESS	15mm (top) and bottom "I" section
MASS	+/- 16.5 kgs/m <sup>2</sup>
TOP SURFACE	Smooth or quartz gritted for long lasting non-slip finish
STANDARD COLOUR	Grey & Yellow
PANEL SIZES:	3000mm x 1000mm

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450mm	0.25mm	0.25mm	0.76mm	1.27mm	1.78mm	3.56mm	76430kgs
600mm	0.51mm	1.02mm	1.79mm	3.30mm	4.57mm	8.89mm	43004kgs
900mm	2.29mm	4.06mm	7.87mm	14.7mm	-	-	18570kgs
1200mm	6.60mm	12.95mm	-	-	-	-	9920kgs