

FR.M

Property	Unit	Value	Test Method
Maximum Weight	Kg / m ²	> 3.1	Calibrated weighing scales
Compressive Strength	MPa	> 29.4	According to BS EN ISO 604: 2003 for 5 mm & 10 mm and D695-15 for 2 mm
Compressive Modulus	GPa	> 7.4	According to BS EN ISO 604: 2003 for 5 mm & 10 mm and D695-15 for 2 mm
Flexural Strength	MPa	> 97.8	According to ISO 178: 2010 + A1: 2013
Flexural Modulus	GPa	> 8.38	According to ISO 178: 2010 + A1: 2013
Tensile Strength	MPa	> 69.1	According to BS EN ISO 527.4: 2013
Thickness	mm	2	Calibrated Vernier Caliper
Density	g / cm ³	> 1.15	Acc. to BS EN ISO 1183-1:2012, Method A
Colour	-	Black	Visual
Working Range	° C	-196 to +1500 for 120 mins plus	External and In-house testing

Testing carried out by:-

Warringtonfire, Holmesfield Road, Warrington, WA1 2DS

RISE Research Institute, Fire Research Dynamics, Box 857, 501 15 Borås, Sweden

Intertek Wilton, Room D135, The Wilton Centre, Redcar , TS10 4RF

Cambridge Fire Research, Brewery Rd, Pampisford, Cambridge CB22 3HG

BRE Global, Reaction to Fire Testing, Bucknalls Lane, Garston, Herts, WD25 9XX

CFP Composites in-house testing