

EXTREME FR PRO SHEETS (HONEYCOMB)



The Extreme Fire Resistant Pro Sheet is a premium heavy-duty composite protection sheet designed for demanding industrial, construction, and transportation applications where durability and flame-retardant performance are essential.

AVAILABLE SIZES

2.4m x 1.2m (133586)

Weight: 0.45kg per sheet



FLAME RETARDANT
TO NFPA701



USE ON FLOORS
& WALLS



5.5MM THICK



1500GSM

FEATURES

- Heavy-duty.
- Durable.
- High tensile and bending strength.
- Excellent resistance to tearing and mechanical damage.
- Flame-retardant.
- Moisture-resistant.
- Reusable.

FURTHER TECHNICAL INFORMATION

- Ensure the surface is clean, dry, and free from debris before installation.
- Position the sheet with the nonwoven fabric side facing downwards.
- Trim to the required size using a suitable utility knife or cutting tool.
- Where necessary, secure the sheet using appropriate tape, fixings, or fasteners suitable for the application.
- For larger areas, place sheets edge-to-edge and secure joints to prevent movement.

TYPICAL PROPERTIES

Property	Value
Material-Bottom	PP(Polypropylene)
Material-Top	Nonwoven
Weight(PP sheet)	1500g/m ²
Weight(Fabric)	100g/m ²
Total Weight	1600g/m ²
Thickness	5.5mm
Tensile strength	H=6.5MPa/L=6.9MPa
Bending strength	H=9.6MPa/L=12.2MPa
Bending modulus	H=780MPa/L=938MPa
Deformation temperature	72°C
Flame retardant	V2(UL94)
Break Force vertical	≥300N
Break Force horizontal	≥230N
Break Elongation vertical	≥220%
Break Elongation horizontal	≥80%
Tear Force	≥80N
Plane compression force	≥980N
Vertical compression force	≥260N

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