

Technical Data Sheet: IB Fire Sheet-10 / IB Fire Sheet-50

Product Description: IB Fire Sheet-10 / IB Fire Sheet-50 is a fire resistant Separation Sheet / Thermal Barrier that enhances a roof assembly's overall fire performance. This material is constructed using a strong fiber-glass core mat that is coated with a specially formulated acrylic coating that can be installed as the first layer directly over a roof deck, as a separation layer over insulation, or as a divorcing layer between a new IB roof system and the existing insulated or non-insulated roof system.

Advantages:

- Superior Thermal Barrier Value: Less material cost than gypsum based roof boards
- Easy To Install: Installed like base sheets of BUR roofing but with 90% less fasteners
- Approved Separation Layer Between Insulations: Effective barrier between Expanded Poly-Styrene (EPS) and Extruded Poly-Styrene (XEPS) insulation and PVC membranes
- Superior Coverage: IB Fire Sheet-10 comes in 10 square (1000 sq. ft.)
- Superior Coverage: IB Fire Sheet-50 comes in 4.2 squares (420 sq. ft.)

Packaging: IB Fire Sheet-10 is palletized and shrink wrapped 20 per pallet. IB Fire Sheet-10 rolls are 48" wide x 250' long and weigh an average of 90 lbs. IB Fire Sheet-50 is palletized and shrink wrapped 20 per pallet. IB Fire Sheet-50 rolls are 48" wide x 105' long and weigh an average of 80 lbs.

Uses: IB Roof Systems Fire Sheets are lightweight and easy to handle; making them quicker to install than thermal barriers or cover-boards. The Fire Sheet should be rolled out, overlapping the side and end of the preceding sheet a minimum of two (2) inches. Mechanical attachment of the Fire Sheet is secured with approved corrosion-resistant screws and 3" galvalume insulation plates. More fasteners may be necessary under windy conditions. Install only as much Fire Sheet as can be covered by the end of the day.

Approvals and Listings: IB Fire Sheet-10 / IB Fire Sheet-50 is listed with various component assemblies at UL and Factory Mutual (F.M. Global) for fire, wind uplift, and impact. Visit our website for links to these agencies and listings at: www.ibroof.com



IB Fire Sheet Standard Sizes					
Fire Sheet	Squares/Roll	Coverage w/ 2" Lap	Roll Size	Roll Weight	Rolls/Pallet
IB Fire Sheet-10	10 Squares (1000 sq. ft.)	9.58 Squares (958 sq. ft.)	48" x 250' (1219.2mm x 76.2m)	90 lbs.	20
IB Fire Sheet-50	4.2 Squares (420 sq. ft.)	4.02 Squares (402 sq. ft.)	48" x 105' (1219.2mm x 32.0m)	80 lbs.	20

Tensile Properties			
Property	Test Method	FR-10	FR-50
Machine Direction	ASTM D 828	60 lb./in.	75 lb./in.
Cross Machine Direction	ASTM D 828	27 lb./in.	55 lb./in.