

Technical Data Sheet: IB Fire Sheet-50

Product Description: IB Fire Sheet-50 is a fire resistant Separation Sheet / Thermal Barrier that enhance a roof assembly's overall fire performance. These membranes are 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-50 comes in 4.2 squares (420 square feet)

Packaging: 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: (First Course): Start by installing a full width layer at the low side of the roof (either at the base of a perimeter parapet wall or at the nailer of the perimeter edge) lay perpendicular to the roof slope. Place approved fasteners over the face of the Separator Sheet per the pattern density required and secure using a clutch or adjustable depth powered fastening device. Installer to ensure that the fasteners are to engage the top rib (metal decks) or upper flat surface of the substrate and not over drive or strip out fastener from the roof deck. Continue installing full width layers of Separator Sheet as described until reaching the end of the area that is being roofed that work day or onset of inclement weather. (Subsequent Courses): Continue installing additional courses, lapping previous course per sheet exposure requirements until reaching the area that can be roofed by the end of the workday or onset of inclement weather.

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



Standard Sizes					
Fire Sheet	Squares Per Roll	Coverage w/ 2" Lap	Roll Size	Roll Weight (Approx.)	Rolls Per Pallet
IB Fire Sheet-50	4.2 squares (420 sq. ft.)	4.02 sqs. (402 sq. ft.)	48" x 105' (1219.2mm x 32.0m)	80 lbs.	20
Tensile Properties					
Property	Test Method	FR-50			
Machine Direction	ASTM D 828	75 lb./in.			
Cross Machine Direction	ASTM D 828	55 lb./in.			