



IKO

PrevENT™ Fire Rated Roofing System MODIFLEX AND TORCHFLEX

PROTECT THE ASSETS UNDER YOUR ROOF!

- Class A fire rating
- Slows the spread of flames on roofs
- Graphite Technology - Expands to control fire while remaining environmentally friendly
- Stops burning embers from penetrating the roof surface and igniting the building



PrevENT™ the spread of external fire



PrevENT™ Fire Rated Roofing System:

- **Full system performance from one manufacturer**
Single source for the system components
- **Integrating Premium Performance and Fire Resistance**
Incorporates the use of Graphite Technology in our SBS membranes for the commercial roofing market
- **Class A rated by UL/ULC and FM**

How Graphite Technology Works



Graphite functions as a fire retardant due to its specific swelling effect.

- Expandable graphite is applied to the upper face of the reinforcement mat during manufacturing of the cap sheet membrane
- Acts as a fire retardant by expanding rapidly when exposed to high temperatures
- Cuts off the supply of oxygen to the flame and PrevENTs™ liquefied asphalt from adding fuel to the fire
- Also restricts fire from developing, making it safer than other similar products
- Graphite is not visible when the sheet is installed on the roof
- Graphite is 100% organic, very environmentally friendly, and will not dissolve in the presence of water

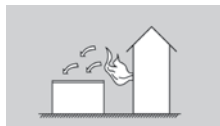
Installs like a standard cap

- Heat-fused for a monolithic bond*
- **Enhanced fire protection for a minimal cost**
- **Can be used over a wide variety of IKO roofing systems**
- **Fully integrated with IKO's Commercial Limited Warranty Program**

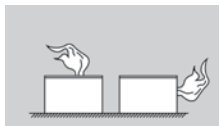
*Also available in sand bottom surface for hot asphalt and cold applied application



Flame Spread (UL790, CAN/ULCS107M, FM/ASTM E108) : PrevENT™ inhibits the spread or travel of flame on the roof.

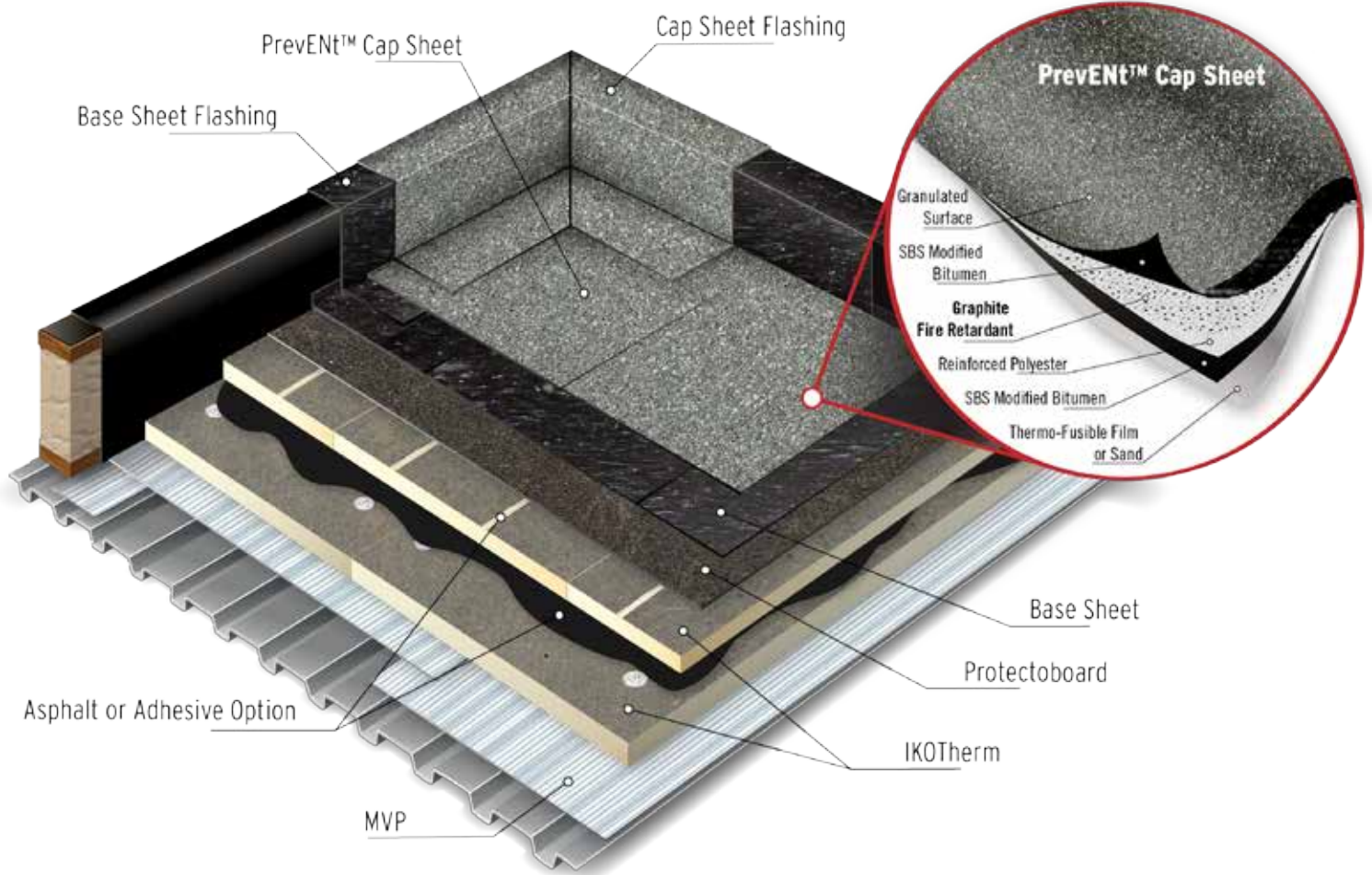


Burning Brands (UL790, CAN/ULC S107M, FM/ASTM E108) : PrevENT™ stops burning embers from penetrating the roof surface and igniting the building.



Intermittent Flame (UL790, CAN/ULC S107M, FM/ASTM E108) : PrevENT™ resists gusts of flame from spreading or growing on the roof.





Draft Specifications

Available from www.iko.com > Commercial Roofing or your local IKO Commercial Representative

Technical Support

- Hands-on demonstrations and applicator training
- On-Site reviews
- Specification assistance

Codes & Approvals

Factory Mutual (FM) & Underwriters Laboratory

- UL790 Class A on Non-Combustible and Combustible decks up to a 2-1/2:12 slope
- CAN/ULC S107M Class A on Non-Combustible and Combustible decks up to a 2-1/2:12 slope
- FM/ASTM E108 Class A on Non-Combustible decks up to a 2:12 slope
- IKO Industries Ltd is an ISO 9001 certified all Canadian manufacturer



Accessory Products:

Mod Bit Primer

- Acceptable substrates include concrete, masonry, wood, gypsum, metal and asphalt roofing
- Properly prepares surfaces for heat-welding and hot asphalt applications
- Enhanced membrane adhesion
- Applies with brush, roller or spray
- Great temperature application range
- Dries in approximately 1 hour



Spray Primer

- Acceptable substrates include concrete, masonry, wood, gypsum, metal and asphalt roofing
- Quickly prime vents, collars and other materials during roof application
- Easy aerosol spray application
- Great temperature application range
- Fast drying - 3 minutes to touch and 60 minutes to complete dry



MS Detail

- Can be applied to almost any substrate
- Great for hard to flash-in areas
- Applied by brush, trowel, roller or sausage gun
- Resists UV degradation
- Solvent and VOC free
- Won't dry out or crack over time
- Convenient packaging reduces waste
- Quick set-up with full cure in 24 hours



PrevENT™ Roofing System:

CHARACTERISTICS	NOMINAL VALUE		SPECIFICATION	TEST METHOD
	TP	MP		
ROLLS PER PALLET:	32	30	-	
PALLET SIZE:	132 cm x 112 cm (52" x 44")		-	
LENGTH:	8 m (26.2')	10 m (32.8')	-	
WIDTH:	1005 mm (39.6")		-	
THICKNESS:	4.0 mm (158 mils)	3.8 mm (150 mils)	-	
COLD FLEX:	MIN: -18°C (0°F)		ASTM D6164	ASTM 5147
FIRE RATING:	Class A		CAN/ULC S107M UL790 & FM/ASTM E108	

Thank you for considering IKO Premium Roofing products.

For additional information on IKO's full line of superior Commercial/Industrial Roofing and Waterproofing products please call: **1-855-IKO-ROOF** (1-855-456-7663), or visit our web site at: www.iko.com

Note: Product availability is subject to shipping area. The information in this document is subject to change without notice. IKO assumes no responsibility for errors that may appear in this document.

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