

ArmourStick™ HD

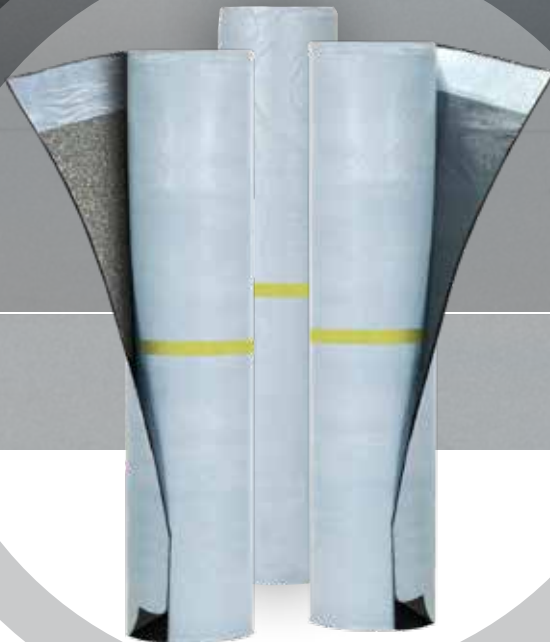
Flame-Free

ROOFING SYSTEM

IKO.COM/COMM

**High-performance,
flame-free roof
solution from IKO.**

IKO's new ArmourStick HD Flame-Free Commercial Membrane Roofing System offers an innovative option explicitly tailored to the requirements of projects that demand a restricted flame environment.



IKO® COMMERCIAL

Specify with Confidence.

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Flame-Free Roofing Systems are fully integrated with IKO's Commercial Limited Warranty Program.

Self-Adhering ArmourStick HD-Cap Sheet

The ArmourStick HD-Cap self-adhering Cap Sheet is a high-performance cap sheet membrane constructed of a sturdy, nonwoven, reinforced composite mat strengthened with select glass fiber strands and coated with SBS polymers and premium asphalt. Fine ceramic colour-coated granules cover the surface of the product, while a removable silicone-treated release film covers the self-adhering underside and is removable during application.

ArmourStick HD-Cap Sheet offers an isolated film strip on the underside, allowing contractors to easily access the side lap for heat welding, ensuring a reliable, easy-to-install product. IKO requires a hot air welder to be used to seal the last 2 inches of the lap for a trusted, no-leak seal for your roofing system.

Self-Adhering ArmourStick HD-Base Sheet

The ArmourStick HD-Base Sheet is a self-adhering, high-performance membrane constructed of a sturdy, nonwoven, reinforced composite mat strengthened with select glass fiber strands and coated with SBS blended polymers and premium asphalt. A split release film covers the top surface of the base sheet, which is removed during installation to reveal a primerless surface for the ArmourStick HD-Cap Sheet to be installed. A silicone-treated release film also covers the underside and is removable during application to ease installation.

The ArmourStick HD-Base Sheet offers a 3.5-inch side lap, allowing immediate sealing of the membrane along the side laps. Heat-fusing the side lap enhances the membrane performance during installation at cooler temperatures without the use of an open flame, but still offers the confidence of an effective seam. The bonding strength of IKO's selvage edge technology offers excellent performance in any climate.

Features:

The ArmourStick HD System is designed for the needs of sites where an open flame should be avoided. This base and cap sheet system is suitable for a broad range of commercial solutions where SBS systems are desired and is an outstanding choice for projects, such as schools, hospitals or government facilities. Product features include:

- A robust, commercially rated 2-ply self-adhered SBS modified bituminous membrane system.
- A cap sheet that is covered with ceramic-coated granules and self-adhesive bottom surface, and features a removable release film.
- A heavy-duty composite reinforcement of nonwoven polyester with a fiberglass scrim on both base and cap, offering outstanding dimensional stability and resistance to elongation and puncture.

Advantages:

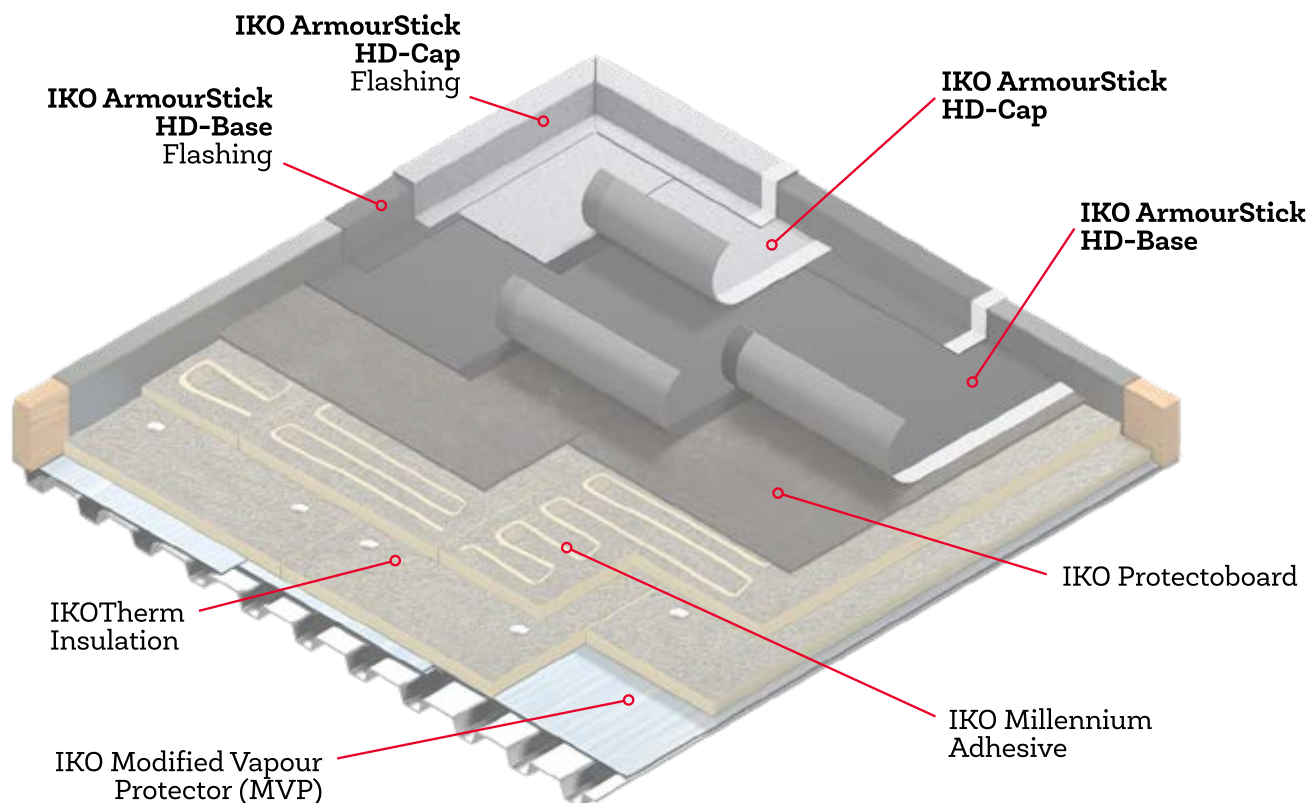
IKO's versatile ArmourStick HD Membrane System offers some key advantages to specifiers and contractors looking for a flame-free membrane application, including:

- No open flame, eliminating the use of propane equipment.
- Full system solution — base sheet, cap sheet and flashing. For use with select IKO products.
- A broad range of warranty solutions, up to and including the IKO 20-year Diamond Shield Limited Warranty.
- A split release film that allows for easy and flexible application methods.
- Easy access to ArmourStick HD-Cap Sheet side laps during warm weather, which allows installers to securely heat-weld seams in all conditions.
- Primerless application of ArmourStick HD-Cap Sheet to ArmourStick HD-Base Sheet, which speeds up installation time on-site.

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Products

- IKO ArmourStick HD-Cap.
- IKO ArmourStick HD-Base.
- IKO Protectoboard™.
- IKO Millennium™ Adhesive.
- IKO Therm™ Insulation.
- IKO MVP™ Modified Vapour Protector.

Codes & Approvals

- This system is in full compliance with Canadian standards ANSI/UL 790, CAN/ULC-S107, CAN/ULC-S126.
- Tested in accordance with the CSA A123.21-14 and CSA A123.23-15 standards.

Technical Support

- Hands-on demonstrations and applicator training.
- On-site reviews.
- Specification assistance.

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ACCESSORY PRODUCTS

IKO MS Detail

- Can be applied to almost any substrate and is great for hard-to-flash-in areas.
- Applied by brush, trowel, roller or sausage gun.
- Resists UV degradation, is solvent and VOC-free, and won't dry out or crack over time.
- Convenient packaging of 12 sausages/pail, which reduces waste.
- Solvent and VOC-free and won't dry out or crack over time.
- Quick setup with full cure in 24 hours.

IKO AquaBarrier Mastic

- IKO AquaBarrier Mastic is a modified asphalt sealant that is formulated with synthetic rubbers for longevity and glass fibers for extra strength.
- It can be applied in temperatures from -12°C (10°F) to 50°C (122°F) on damp or dry surfaces and will not slump or pull away from the substrate.
- IKO AquaBarrier Mastic sealant is fully compatible with IKO waterproofing, air and vapour barrier and roofing systems, and is intended for penetration areas.

IKO S.A.M. Adhesive

- Used to condition substrates prior to the application of self-adhering membranes.
- Dries to a high tack, providing excellent adhesion properties.
- Easy application. Just mix and roll to apply.
- Easy cleanup with mineral spirits.
- Compatible with all IKO self-adhering membranes.



FLAME-FREE ROOFING SYSTEM*

Characteristics	ArmourStick HD-Cap	ArmourStick HD-Base
Length:	8 m (26.2 ft)	10 m (32.8 ft)
Width:	1,005 mm (39.6 in)	
Thickness:	4.5 mm (177 mils)	2.5 mm (98.4 mils)

Find out more about our products now by talking to an IKO sales representative or your professional roofing contractor, or contact us directly at: **Canada 1-855-IKO-ROOF (1-855-456-7663)**. Or visit our website at: **IKO.COM/COMM**.

*All values shown are approximate. **Note:** Please refer to Product Data Sheets for more technical information. The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible.