



Roof-Fast™



SELF-ADHERING MEMBRANES (SAM) RESIDENTIAL ROOF SYSTEM

Features & Benefits

- Easy, self-adhering peel and stick application.
- One-ply, two-ply or three-ply application.
- Cold applied. No hot asphalt, torch or odor.
- Attractive, durable ceramic granule finish.
- Outstanding "lay-flat" properties.
- Superior flexibility at edges and tie-ins.
- Outstanding resistance to foot traffic.
- High-tech polymer modified asphalt instead of traditional oxidized asphalt.
- Appropriate for most low-slope roofs, provided there is positive drainage (minimum 1/2:12). For slopes over 4:12, please contact IKO.
- Available with a 5-year (one-ply), 12-year (two-ply) or 15-year (three-ply, including Roof-Fast 95 Base) Limited Material Warranty.

For one-ply applications (minimum 1:12 slope recommended), simply prime the deck and install the Roof-Fast Cap, starting at the eave and lapping successive courses up the roof. Finish rake edges as required to ensure wind resistance and positive water drainage.

Description/Uses

Roof-Fast, a self-adhering membrane (SAM) system, is a low-slope roofing material that combines the polymer chemistry of commercial-grade modified bitumen membranes with the self-adhesive characteristics of an ice and water protector, and the beauty of a granule surface. The Roof-Fast system comprises:

Roof-Fast Cap

This fiberglass reinforced self-adhesive cap sheet is coated with a granule surface in several popular colors and has a release film on the backside. This three-quarter square roll may be used alone or in combination with Roof-Fast Base MA.

- Roll Dimension: 39-3/8" x 23' (1 m x 7 m)
- Area: 75.5 sq. ft. (7 m²)

Roof-Fast Base MA

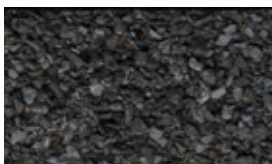
Fiberglass-reinforced nailable base sheet with a special film surface designed for use with a self-adhering cap sheet.

- Roll Dimension: 39-3/8" x 49' (1 m x 15 m)
- Area: 161.5 sq. ft. (15 m²)

Roof-Fast is designed for use on new or existing low-slope roofs and is suitable for most low-slope roof applications where the use of adhesives, propane torches or hot asphalt is impractical, undesirable or unsafe.

General Information

- Store upright at room temperature whenever possible. Avoid storing material for prolonged periods of time at temperatures above 88°F (29°C).
- Do not store Roof-Fast in direct sunlight.
- Wood substrates must be clean and dry; substrates should also be dust-free plywood or oriented strand board (OSB). 1/2" (12 mm) plywood is recommended. Mill or plank decks should be covered with a layer of 1/4" (6 mm) sheathing. Decks must be well-secured with minimal deflection. Secure all nails and screws to prevent the possibility of backout. Loose fasteners should be removed.
- Concrete, metal and other acceptable non-nailable substrates must be primed with IKO's S.A.M. Adhesive, S.A.M. Adhesive LVC or an approved equivalent before the application of the IKO Roof-Fast membrane.



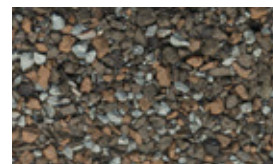
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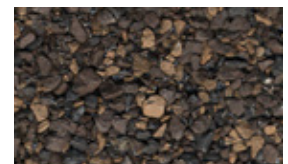
Slate Grey



White



Driftwood



Dual Brown

Note: Color swatches shown are as accurate as modern printing processes allow. Color chips shown do not fully represent the entire color-blend range of Roof-Fast Cap. To ensure complete satisfaction, please make your final color selection from a full-size roll and view a sample of the product installed on a home.

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General Information (cont.)

- Mechanically attach Roof-Fast Base MA to nailable substrates.
- Substrate must provide continuous, uninterrupted support to the membrane.
- Apply self-adhering membranes only when the weather is dry and air, roof deck, and membrane temperatures are 50°F (10°C) or above.
- Ensure that the installation of IKO Roof-Fast membranes does not prevent or interfere with the ventilation of the existing construction. IKO Roof-Fast self-adhering membranes have the properties of a vapor barrier, and if applied over warm attic spaces, it is necessary to ensure adequate and thorough ventilation to prevent condensation.

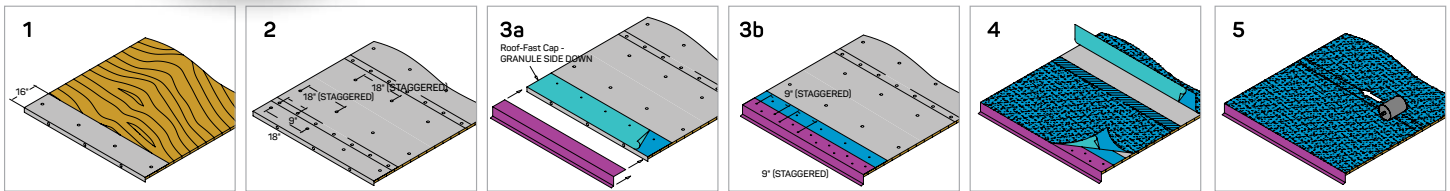
Tools and Accessories for Installation

1" Steel Cap Nails · Asphalt Primer · Modified adhesive approved for use by IKO
Roofer's cutting tool · T-Square · Chalk line · 60 – 100 lb. Steel roller



Working on a sloped roof can be dangerous; avoid slip and fall hazards by taking proper precautions. Use appropriate safety measures, such as safety harnesses, when applying the product. **IMPORTANT:** Use and application of this product must be in accordance with all local building code requirements.

Installation Guidelines (Two-Ply Application)



1 Start at the lowest edge of the roof. Prepare a starter strip by cutting the base sheet lengthwise in half (approx. 18' w) and lay flat on the clean, dry deck. Leave 2" of base sheet overhanging roof edge or sufficient to cover any exposed joints in the wood fascia where water could enter. Fasten the Roof-Fast Base MA at 18" O.C. in one row down the approximate center of the starter sheet, leaving the upper edge free of fasteners for later steps in installation. Note A.

2 Lay out a full width base sheet up the slope overlapping the starter sheet by a minimum of 3". Fasten through the overlap with 1" steel cap nails 9" O.C. working from the center of the sheet outwards. Note: End laps, if required, will be overlapped by 6" and staggered from other end laps by at least 24" and nailed 9" O.C. (see instructions for installation of end lap details). Ensure the sheet lays flat and wrinkle-free at all times. Fasten the center of the sheet in two rows at 18" O.C. in a staggered formation starting from the center and working outwards.

3 Repeat step 2 until entire surface has been covered.

Roof Edge Detail: Turn down 2" overlap from starter strip and secure with roofing nails at 9" O.C. to fascia. Cut a strip of Roof-Fast Cap 12" wide and lay across roof edge granule-side down. Score the release film the width of the drip edge/metal flashing and tack in place with roofing nails. Prime surface of drip edge/metal flashing with asphalt-based primer, prior to installation, and allow to dry. Remove scored release film closest to roof edge and place primed drip edge/metal flashing over scored area of Roof-Fast. Fasten with roofing nails at 9" O.C. staggered approximately 1" in from inside metal edge. Secure base sheet at remaining perimeters with 1" steel cap nails 9" O.C. Installation of base sheet is now complete.

4 Cap sheet: Starting at the lowest point of the roof, roll out full width Roof-Fast Cap sheet, cut to desired length, dry fit to roof edge, in final position, and allow to relax. Make sure the 3-1/2" side lap on the Roof-Fast Cap is opposite, (farthest away), from drip edge/metal flashing. While kneeling on the upper half of positioned cap sheet, fold back half of the width towards you to expose release film, (butterfly technique). Remove remaining release film from 12" inverted cap sheet strip. Remove exposed release film from Roof-Fast Cap, (half width), and slowly "walk" cap sheet into place over base sheet. Fold down the upper unadhered cap sheet, remove release film and gently place into final position. For Roof-Fast Cap end laps, prime underlying granule surface a minimum of 5" and overlap with next roll.

5 Use a 60 – 100 lb. steel roller to ensure consistent contact of Roof-Fast Cap to the base sheet. Note: In hot weather, it may be best to limit the length of individual pieces of Roof-Fast to a maximum of 12' for ease of handling. Roll out second cap sheet, cut to size, dry fit into final position and allow to relax. Ensure second sheet overlaps the 3-1/2" side lap of the first sheet. Repeat the procedure for installation of first sheet remembering to remove release film covering the side lap on the first sheet. Continue up the roof, repeating this procedure until all surface is covered.

Note A: Where roof area and roof slope allow, as an alternate to starting the roof with a half-width of Roof-Fast Base MA, a full width of IKO's GoldShield premium ice and water membrane may be used. In this installation, at eaves/ rakes, the drip edge is installed over the GoldShield and below the fastened base sheet layer. The drip edge should be set in continuous bands of asphalt cement to ensure watertightness with the membrane layers.



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