

MODIFLEX / TORCHFLEX SBS

Modiflex and Torchflex are high performance modified bitumen roofing and waterproofing systems that are quickly installed, easy to maintain, and highly cost efficient.

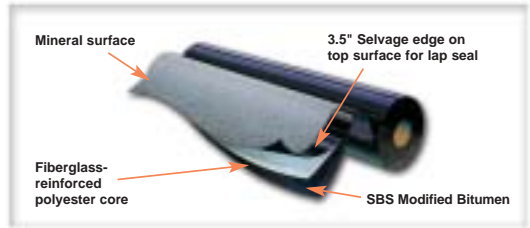
Tough, Long-Lasting Construction

Modiflex and Torchflex are made from a strong reinforcing mat (polyester or fiberglass) which is saturated and coated with SBS modified bitumen. Styrene-Butadiene-Styrene (SBS) is a rubber based chemical that endows the asphalt with some amazing qualities: superior elasticity, excellent moisture resistance, and exceptional cold weather flexibility. Unlike many manufacturers, IKO pre-saturates the sheets with SBS modified bitumen to more fully penetrate the reinforcing mat, ensuring a complete coverage of modified asphalt throughout the membrane. The end result is a long-lasting, durable membrane which can be applied to a wide variety of surfaces on roofs of almost any shape or design.

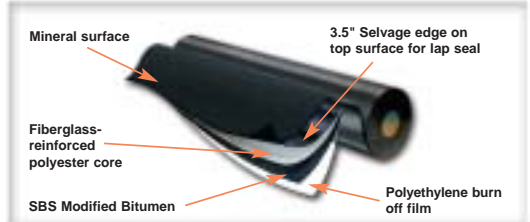
Simple To Apply

Modiflex is applied by hot-mopping the membrane with asphalt or cold applied with an adhesive. Torchflex is applied by torch-welding the membrane, fusing it to a substrate, and using the same modified bitumen to seal the seams. Modiflex and Torchflex are both compatible with existing BUR products and can be applied in the same way as any ordinary roofing system.

Modiflex MP-CAP



Torchflex TP-CAP



Easy Maintenance

Easy inspection allows damaged areas to be readily identified, and repairs may be performed with a hand torch and round-nosed trowel.

Protection From The Elements

Used as recommended, Modiflex and Torchflex systems provide superior protection against water leakage and extreme weather conditions. Modiflex and Torchflex cap sheets are offered with ceramic-clad mineral granules embedded into the top surface for greater resistance to damaging ultraviolet rays.

Quality Assurance

Modiflex and Torchflex are both manufactured under stringent quality control test requirements, involving continuous testing and product research. Before the finished product leaves the plant, it will have displayed high elasticity and tensile strength, optimal granule adhesion, high thermal shock resistance, low temperature flexibility, high fatigue endurance, exceptional resistance to aging and weathering, and excellent puncture resistance.



CGSB

Factory Mutual System

SUBJECT TO THE CONDITIONS OF APPROVAL AS A ROOF COVER WHEN INSTALLED AS DESCRIBED IN THE CURRENT EDITION OF THE FACTORY MUTUAL RESEARCH APPROVAL GUIDE.

ASTM

ISO 9001 2000

CLASSIFIED UL US

MEMBRANE FOR ROOFING SYSTEMS AS TO AN EXTERNAL FIRE EXPOSURE ONLY. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND US ROOFING MATERIALS AND SYSTEMS DIRECTORY 342M.

CAP SHEETS

■ Modiflex MP-180-CAP ■ Modiflex MP-250-CAP

A tough, non-woven, fiberglass-reinforced polyester mat, saturated and heavily coated on both sides with SBS modified bitumen (MP-180 : 3.5 mm; MP-250 : 4.0 mm). Ceramic-clad mineral granules are embedded into the top surface while the bottom surface is sanded for hot-mop application or cold applied adhesive application.

Uses:

- Top ply in a two-ply Modiflex or Torchflex system.
- Protective cap for conventional BUR.
- Top ply in a flashing installation.
- Also available in FR and FR Premium for added fire resistance.

■ Torchflex TP-180-CAP ■ Torchflex TP-250-CAP

A tough, non-woven, fiberglass-reinforced polyester mat, saturated and heavily coated on both sides with SBS modified bitumen to a nominal thickness of 4.0 mm. Ceramic-clad mineral granules are embedded into the top surface while the bottom surface is covered by a thin polyfilm which is burned off during torch application.

Uses:

- Top ply in a two-ply Modiflex or Torchflex system.
- Protective cap for conventional BUR.
- Top ply in a flashing installation.
- Also available in FR and FR Premium for added fire resistance.



BASE SHEETS

■ Modiflex MF-95-FS-BASE ■ Modiflex MF-95-SS-BASE

An inorganic reinforcing mat of high strength non-woven glass fibers, saturated and heavily coated on both sides with SBS modified bitumen to a nominal thickness of 2.2 mm. Modiflex MF-95 base sheets are offered with the top surface sanded for hot-mop application or covered by a thin polyfilm for torch application. The bottom surface is sanded.

Uses:

- First ply in a two-ply Modiflex or Torchflex system.

■ Modiflex MP-180-FS-BASE ■ Modiflex MP-180-SS-BASE

A tough, non-woven polyester reinforcing mat, saturated and heavily coated on both sides with SBS modified bitumen to a nominal thickness of 2.5 mm. Modiflex-MF-180 base sheets are offered with the top surface sanded for hot-mop application or covered by a thin polyfilm for torch application. The bottom surface is sanded.

Uses:

- First ply in a two-ply Modiflex or Torchflex system.

■ FAST-N-STICK™ 180 BASE SHEET

An enduring, non-woven polyester reinforcing mat which is impregnated with Modiflex SBS modified bitumen to a thickness of approximately 2.5 mm. This sheet is protected on the top by a thin polyfilm (which disappears upon torch welding of the cap sheet), and on the bottom by sand, which prevents sticking in the roll. A double release self-adhesive selvage is incorporated on the product for complete self-adhesive lap seaming. This is a strong "lay-flat" base sheet which may be used as a mechanically fastened first-ply in the Fast-N-Weld™ system.

■ Torchflex TF-95-FF-BASE ■ Torchflex MF-95-FF-2.2

An inorganic reinforcing mat of high strength non-woven glass fibers, saturated and heavily coated on both sides with SBS modified bitumen (FF-BASE : 3.0 mm; FF-2.2 : 2.2 mm). The top and bottom surfaces are both covered by a thin polyfilm which will burn off during torch application.

Uses:

- First ply in a two-ply Torchflex system.

■ Torchflex TP-180-FF-BASE ■ Torchflex TP-250-FF-BASE

A tough, non-woven polyester reinforcing mat, saturated and heavily coated on both sides with SBS modified bitumen (180-FF : 3.0 mm; 250-FF : 4.0 mm). The top and bottom surfaces are both covered by a thin polyfilm which will burn off during torch application.

Uses:

- First ply in a two-ply Torchflex system.

■ ARMOURBOND 180

A tough, non-woven polyester mat, with superior waterproofing SBS modified bitumen to provide an excellent base for the application of a torched-down cap sheet. Produced to a nominal thickness of 3.0 mm. A thin polyfilm covers the top surface while the self-adhering underside is covered by a removable silicone treated release film.

Uses:

- First ply in a two-ply system.

■ ARMOURBOND FLASH

A tough, non-woven polyester reinforcing mat, saturated and heavily coated on both sides with SBS modified bitumen to a nominal thickness of 2.5 mm. A thin polyfilm covers the top surface. The back surfacing is a silicone treated film which is easily removed.

Uses:

- The product can be placed in flame-sensitive areas for flashing details, as it is self-adhesive.

SPECIALTY MEMBRANES

ARMOURTREAD ROLL

ArmourTread is a fiberglass reinforced SBS modified bitumen product, that allows for the safe passage of foot traffic over a built-up or modified bitumen roof. Due to its superior construction, it will not rot, absorb water or delaminate. It can be hot-mopped, torched down or cold applied and its lighter weight and roll format means that it is easier to work with than other products on the market.



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:

Canada 1-800-268-0878, ext. 426,
United States 1-800-387-2318, ext. 426,
or visit our website at:

► www.iko.com

NOTE: The physical properties of the products described in this catalogue represent average typical results obtained by testing our products according to accepted industry test methods. These values are subject to normal manufacturing variations, and are supplied as a technical guideline only; they may be subject to change without notice. Current product specifications can be confirmed by contacting your local IKO Technical Representative.

Also, the guide specifications contained herein are offered as general information for the design and installation of IKO roof assemblies. IKO Industries Limited is a supplier of materials, and we cannot assume liability for errors in roof design, engineering, or application. The architect, contractor, and/or building owner's representative must verify all dimensions, details and suitability of roof design.

NOTE: All values shown are approximate. Product and color availability 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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1-800-268-0878, poste 426 (Canada) ou le
1-800-387-2318, poste 426 (États-Unis) ou
encore, visitez notre site Web,

► www.iko.com

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représentent les résultats moyens obtenus lors d'essais sur nos
produits selon les méthodes acceptées par l'industrie. D'une
usine à l'autre, il est normal qu'il existe certaines variations.
Ces données, qui peuvent changer sans préavis, vous sont
offertes à titre de guide technique seulement. Les spécifications
en vigueur peuvent être confirmées auprès du représentant
IKO de votre localité.

Le présent guide de spécifications vous est offert à titre d'in-
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revêtements IKO. En tant que fournisseur de matériaux, les
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