



Commercial &
Industrial Grade
Roofing Product



A Sound Investment

IKO's Traditional
Four-ply BUR Roofing
System

► www.iko.com

4-ply



A History of Quality Performance

Building owners have relied on IKO to fulfill their most demanding roofing requirements since 1951, when our company first opened our doors. We spent the past 30 years advancing our commercial roofing product line to meet new building science requirements to provide the industry with the most durable four-ply built-up roofing system on the market today.

Backed by our full range of limited warranties and proven performance history, building owners can be confident in IKO's commitment to quality manufacturing.

A Smarter Investment

Why replace a roof twice when you can invest once in IKO?

The adage, "You get what you pay for" rings just as true in roofing industry. When investing in a roofing system, select IKO's four-ply built-up roofing membrane system. With a longer life expectancy than some single-ply systems – historically many years when properly maintained – these fully adhered built-up roof systems can better withstand the harsh weather conditions of any season.

The pure redundancy of installing four plies of roofing felts – interwoven together and bonded with asphalt – significantly reduces the chance for roofing leaks as well. As a result, building owners receive a solid return on their investment with more years of durability and hassle-free service. IKO's traditional built-up roofing system will provide the following benefits:

- High puncture resistance.
- Proven long-term durability.
- Good tolerance for building stress.
- Good resistance to thermal shock.
- Outstanding strength and toughness.
- Superior fire resistance (Class A).

Standard Four-ply Built-up Roofing System

The traditional built-up roofing system is constructed with either organic felts or fibreglass felts. Both roofing systems are constructed in the same manner, using roofing asphalt.

System features include:

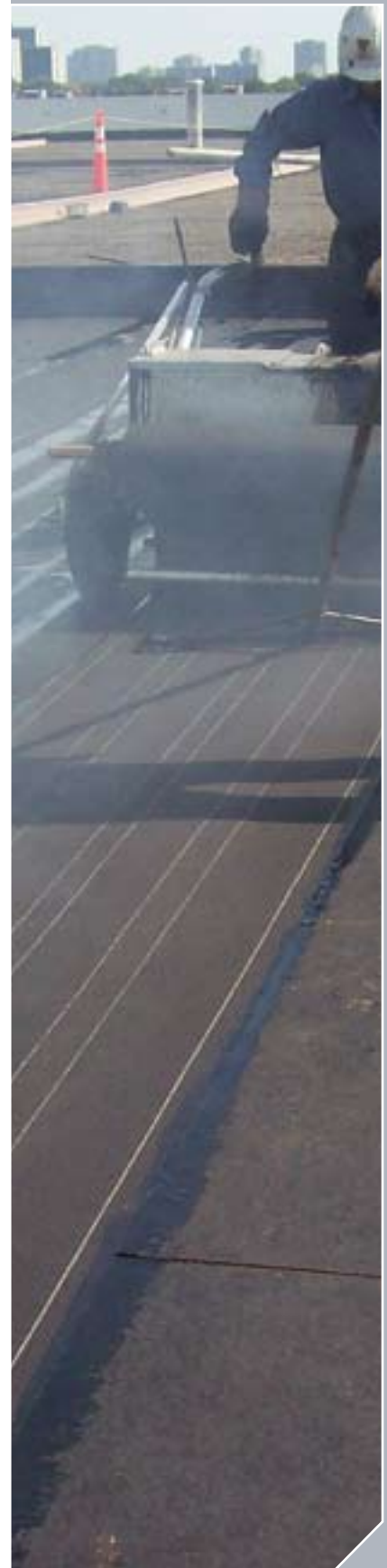
- Decking (wood, concrete or steel).
- Vapour barrier system.
- Polyisocyanurate insulation system.
- Cover board system.
- Four plies of organic or inorganic roofing felts set into a full mopping of roofing asphalt.
- Two-ply modified bitumen membrane flashing system (polyester reinforced) set in a full mopping of roofing asphalt.
- Top pour of roofing asphalt and gravel.

Hybrid Built-Up Roofing Systems

IKO now offers hybrid four-ply roofing systems that combine an organic felt or a modified bitumen base sheet with the standard fibreglass roofing felt. The following systems are now approved for IKO's full limited warranty coverage:

Hybrid Roofing System # 1*

- Vapour barrier system.
- Polyisocyanurate insulation system.
- Cover board system.
- One ply #15 organic asphalt felt set into a full mopping of roofing asphalt.
- Four plies of Type IV roofing felt set into a full mopping of roofing asphalt.
- Two-ply modified bitumen flashing membrane system (polyester reinforced), set in a full mopping of roofing asphalt.
- Top pour of asphalt and gravel.



IKO has one of the most durable four-ply built-up roofing system on the market today.

A Sound Investment

Hybrid Roofing System # 2*

- Vapour barrier system.
- Polyisocyanurate insulation system.
- Cover board system.
- One ply 95 glass base sheet set into full mopping of roofing asphalt.
- Three plies of Type IV roofing felt set into a full mopping of roofing asphalt.
- Two-ply modified bitumen flashing membrane system (polyester reinforced), set in a full mopping of roofing asphalt.
- Top pour of asphalt and gravel.

Ask Your Contractor to Specify IKO

IKO four-ply roofing membrane systems offer a much stronger defense against harsh weather conditions than single-ply systems. Additional benefits these systems provide include:

- More forgiving of errors during application than a single-ply roof system (by the pure redundancy of installing four plies versus one ply of membrane).
- Exceeds Factory Mutual (FM) Windstorm Classification of I-90 requirements.
- Qualifies for Underwriters Laboratories Inc. (UL®) and Underwriters' Laboratories of Canada (ULC) approval.
- Provides a Class A fire rating.
- Offers a proven performance history with four-ply roofing systems being used since 1840.
- Provides superior performance due to hybrid built-up roof systems within organic fibreglass felts that provide proper application assurance.

Accessories

IKO offers a complete range of accessories to support our four-ply roofing systems:

- Vapour retarders.
- Polyisocyanurate insulation.
- Cover boards (optional Fiberboard or Asphaltic Core Boards).
- Asphalt.
- Modified bitumen base sheet flashing membrane (polyester reinforced).
- Modified bitumen cap sheet flashing membrane (polyester reinforced).
- Fast-Dry Mod-Bit Primer (prime plates).
- FM-approved insulation plates and screws to corrosion-resistance criteria of FM Standard 4470.

Nothing Tops IKO Quality

Unlike most competitive manufacturers, IKO makes roofing products and only roofing products. We also manufacture everything under one roof – ours – to maintain the highest level of quality control in the industry. Our people are committed to maintaining this caliber of excellence. That means you can rely on IKO for all your commercial roofing application needs – from the deck up.

Our quality assurance system has been independently registered as conforming to the ISO 9001-2000 Quality Standards. Registration to this thorough international standard, combined with IKO's commitment to setting the standard, ensure optimum product performance and customer satisfaction.

Take pride in installing an entire roofing system manufactured by a family owned company that has been committed to manufacturing quality roofing products since 1951.

*Other products may be used in IKO hybrid systems, such as Type 6 ply sheet, polyester-reinforced base sheets, or use of a modified bitumen cap sheet. Contact Technical Services for details.



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4-ply BUR Roofing System

IKO Stands Behind Our Products

IKO offers a wide range of limited warranties to suit your individual needs, including Material Only, Limited Labour and Material, and our Total Value Warranty. Ask a professional contractor which warranty program is right for you.

Roofing Know-How and Technical Support

Our people are just as dedicated when it comes to providing technical support. We are more than happy to provide you with information during the design and specification phases, bringing a wealth of commercial roofing know-how to help you find the best solutions. Our support includes:

- Online access
- Industry bulletins
- Product overviews
- Toll-free support hotline
- Specification manuals
- Regional technical managers

For the most current information on IKO's full line of commercial/industrial roofing, waterproofing products and accessories, please visit us online at ► www.iko.com
For additional information, warranty, distribution, product availability, job references and much more, please call IKO Technical Services at **1-888-766-2468**.



Warning and Limitations

IKO will not be responsible for specific building designs by others, for deficiencies in construction or workmanship, for dangerous conditions on the job site, or improper storage and handling.



IKO four-ply roofing membrane systems offer a much stronger defense against harsh weather conditions than single-ply systems.

IKO Worldwide

Canadian Plants

- IKO Brampton
- IKO Calgary
- IKO Hawkesbury
- IKO Madoc
- Canroof - Toronto
- Canroof - Brampton
- IG Machine & Fibers Ltd. - Brampton
- IG Machine & Fibers Ltd. - High River
- IG Machine & Fibers Ltd. - Ashcroft
- GH International
- Bramcal Production Inc.

United States Plants

- IKO Midwest Inc.
- IKO Pacific
- IKO Wilmington
- Fiberteq LLC
- MW/MB LLC

European Plants

- IKO Sales International NV - Belgium
- Asphaltco SA - Belgium
- ATAB NV/ASBO NV - Belgium

European Plants

- IKO Insulations BV - The Netherlands
- Touwen & Co. BV - The Netherlands
- Meple SA - France
- Ruberoid - Northern Ireland - Ireland
- Irish Roofing Felts Ltd./Ruberoid - Southern Ireland - Ireland
- Ruberoid Building Products & Permanite Engineered Roofing Systems - UK
- Ruberoid Building Products Ltd. - UK
- Permanite Asphalt - UK
- Marley Waterproofing - UK

European Sales Offices

- IKO Dachschindeln Vertrieb GmbH - Germany
- IKO Sp. z. oo. - Poland
- IKO LLC - Russia
- IKO Sales Romania SRL - Romania
- IKO Slovakia s.r.o. - Slovakia
- IKO Magyarország Kft - Hungary
- IKO s.r.o. - Czech Republic
- Nebiprofa B.V. - The Netherlands

Asian Sales Office

- IKO Sales Shanghai Co. Ltd. - China

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: **1-888-766-2468** or visit our web site at:

► www.iko.com

Note: The information in this literature is subject to change without notice. IKO assumes no responsibility for errors that may appear in this literature.

