

— INSULATED METAL PANEL SYSTEMS

PRODUCT SHOWCASE



FALK, building the future

www.falk.com





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INSULATED METAL BUILDING PANELS

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"For over 16 years, FALK has been producing state-of-the-art insulated metal panels in the Netherlands. I take pride in bringing that old-world heritage of craftsmanship and quality to our cutting-edge manufacturing facility in Grand Rapids, Michigan."

Boudewijn Haase, President, FALK Panel in Grand Rapids, MI



FALK ICONS



Facade

Panels featuring this icon are suitable for facade applications.



Wall

Panels featuring this icon are suitable for wall system applications.



Ceiling

Panels featuring this icon are suitable for ceiling installations.



Demising Wall

Panels featuring this icon are suitable for use in demising wall systems.



Low Slope Roof

Panels featuring this icon are suitable for roof decking systems.



Pitched Roof

Panels featuring this icon are suitable for pitch roof systems.



Accessories

We offer compatible accessories to ensure buildings are completed and panels are securely installed.



Roofing Membrane

Panels featuring this icon are suitable for TPO & PVC single-ply membrane applications.



Solar Enabled

Panels featuring this icon are suitable for solar panel installation. The quantity of panels and their attachment should be specified by the support system provider.



Food Safe

A hygiene-compliant coating designed for use in the food industry.



FLORIDA BUILDING CODE FL41818 |
Meets performance building codes and standards

FLORIDA BUILDING CODE FL41819 |
Meets performance building codes and standards



WHAT ARE INSULATED METAL PANELS?

Insulated Metal Panels (IMPs), often referred to as sandwich panels, are versatile and efficient building materials used in a variety of construction applications. These panels consist of two metal sheets encasing a core of insulating foam, such as polyisocyanurate. This design offers a combination of durability, superior energy efficiency, and rapid installation, making IMPs a favored choice for walls, partitions, ceilings, cold storage, and roofing in numerous building applications. Their energy-saving properties, coupled with a variety of different colors & coatings, make IMPs a practical and visually appealing solution in modern construction.

IMPs stand out for their all-in-one nature, combining elements of exterior cladding, thermal insulation, and a vapor barrier in a single product. They offer high R-values, indicating strong insulating properties, which effectively reduce heat transfer and enhance energy efficiency in buildings.

Additionally, these panels are available in various gauges and can be tailored to meet specific design and construction requirements, including different insulation thicknesses.

IMPs are also compliant with numerous U.S. and international building codes and standards, ensuring their suitability for a wide range of projects.

Overall, IMPs are a versatile, efficient solution for modern construction, offering a blend of aesthetic appeal, cost-effectiveness, and performance benefits. Their balanced approach to practicality and aesthetics makes them a popular choice in contemporary building designs.





WHY CHOOSE FALK?

PRODUCT EXCELLENCE

FALK Insulated Metal Panels (IMPs) are engineered for durability, resistance to external factors, and superior performance. We adhere to stringent quality control standards, guaranteeing products that excel in strength, efficiency, and longevity for any construction need.

INNOVATIVE TECHNOLOGY

Our commitment to cutting-edge technology leads to products that are not only visually appealing but also incorporate the latest in energy efficiency, environmental sustainability, and advanced construction technology.

CUSTOMER SATISFACTION

We prioritize a personalized service experience, ensuring every client feels valued from initial contact to post-installation. Our team is dedicated to offering expert guidance and responsive solutions tailored to your specific needs.

EFFICIENT DELIVERY

FALK's robust trucking fleet ensures reliable and timely delivery of your IMPs. We focus on minimizing delays and adhering to project schedules, ensuring smooth progress and success for your construction projects.

Interested in learning how FALK IMPs can enhance your next construction project? Find out more by visiting:
falk.com

COLORS & COATINGS

At FALK, we specialize in robust and visually appealing insulated metal panels. We use high-quality materials sourced from leading coil and coating suppliers, ensuring superior structural integrity.

COLORS

Our panels are available in over 50 different colors. For color samples or color charts, please contact our sales team or visit falk.com/en-us. We offer a range of standard colors and an assortment of custom options. Should you not find the color you need, our sales team is ready to assist you in finding suitable alternatives. Additionally, for those seeking a particular shade, we provide a color-matching service to meet your specific requirements.

COATINGS

Focusing on sustainability, longevity, and versatility, FALK offers a variety of high-quality coatings. Our selection includes Fluoropon 70% PVDF®, Silicone-Modified Polyester (SMP), and Sherwin-Williams' PolyPREMIER™ Polyester (PE).

Chosen for their strength, eco-friendliness, and flexibility, these materials align with FALK's commitment to meeting diverse construction industry needs. This approach guarantees that FALK's products are suitable for a wide range of applications, meeting the demands of modern construction projects.

FALK collaborates with leading steel manufacturers. We value these partnerships for their dedication to a circular production model. These suppliers utilize electric arc furnace (EAF) technology to produce high-quality, low-carbon steel, primarily from recycled scrap metal. In an industry increasingly geared towards sustainable manufacturing, FALK is at the forefront, promoting a circular economy and the responsible reuse of materials.

COLORS AND COATINGS

- ▶ More than 50 different colors
- ▶ Coating warranties available for up to 30 years
- ▶ Color matching available
- ▶ World-renowned steel suppliers

NEED MORE INFORMATION?

Please call (616) 541-4500 or visit falk.com

Fluropon® 70% PVDF Coatings

from Sherwin-Williams®



Keeping your projects looking as good as the day they were first built. FALK Panel has partnered with Sherwin-Williams Coil Coatings to deliver enduring beauty and durability for your next endeavor.*

Chosen more often than any other brand of PVDF-based coatings, none is more trusted than Sherwin-Williams exterior metal coating systems. Fluoropolymer coatings contain 70% polyvinylidene difluoride (PVDF) resins and are field and time proven. They meet or exceed the most rigorous ASTM performance standards.

Colors

Our Fluropon® systems come in an expansive selection of colors, sheens, gloss levels, and special effects, allowing you to realize almost any visual concept you envision.

Substrates

Fluropon® coatings can be applied to several pretreated substrates, including Galvalume®, Hot-Dipped Galvanized (HDG) steel, and aluminum.

Benefits

- ▶ Superior resistance to ultraviolet rays
- ▶ Outstanding color retention and consistency
- ▶ Excellent overall adhesion
- ▶ Great flexibility and formability
- ▶ High film Integrity

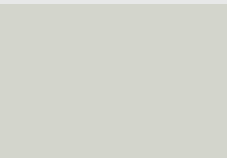
End Uses

All Fluropon® coatings are ideal for external use on a variety of structures, including monumental buildings, commercial and residential projects, and pre-engineered buildings such as:

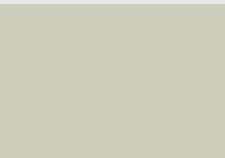
- ▶ Architectural and residential metal roofing systems
- ▶ Composite and insulated metal wall panel systems

Color requests not listed are considered custom requests involving special approval and quantity minimums.

Standard Colors *Lead Time: 8 Weeks or Less*



Regal White
431R444



Sandstone
433R396



Dove Gray
432R1021



Surrey Beige
433B530



Charcoal
432R1065

Non-Standard Colors *Lead Time: 8-12 Weeks*



Taupestone
437C1254



Spartan Bronze
437R270



Regal Blue
436R1030



Hartford Green
435A614

Metallic *Lead Time: 12 Weeks or Less*



Aged Copper
439Z7883M



Weathered Zinc
439RZ1563M



Silversmith
439RZ1541M

Customer Acknowledgment

Please be aware that panels with broad, flat areas may exhibit oil canning, influenced by factors such as handling, structural inconsistencies, fastener application, and thermal expansion. This effect is more pronounced in darker colors under sunlight. To minimize oil canning, options include selecting panels with smaller flat areas, reduced dimensions, embossed textures, lighter colors, or thicker gauges. While complete prevention of oil canning is not assured due to its complex causes, careful material selection, design considerations, and proper installation can mitigate its impact. It's important to note that oil canning, often resulting from external factors, is not grounds for panel rejection.

For an accurate representation of our color offerings, please request a physical color sample. You can do this by calling 616.541.4500 or by visiting falk.com/en-us.

Silicone-Modified Polyester (SMP)

from Sherwin-Williams®



WEATHER XL™ - COIL COATING SYSTEM

Industry Leading
Silicone-Modified Polyester

Sherwin-Williams' WeatherXL™ coating features a unique silicone-modified polyester (SMP) resin system, specifically designed for pre-painted metal products used in the residential, agricultural, and commercial construction industries.

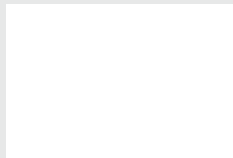
Durable & Long-Lasting

This two-coat system demonstrates proven durability, offering high resistance to stains, abrasions, and metal marking. Its outstanding features enable the product to withstand the physical stresses of fabrication, transit, and construction, effectively minimizing the risks of cracking and marring.

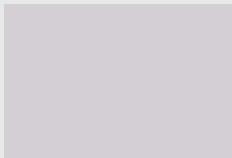
The WeatherXL™ coating stands out as the most durable SMP coating available, thanks to a combination of ceramic, inorganic pigments, and other enhancements. It is renowned for superior weatherability, exceptional color and gloss retention, outstanding color consistency, proven durability, and superior chalk resistance.

Furthermore, WeatherXL™ coatings come in a broad palette of colors. Each color is available in Solar Reflective (SR) formulations, complying with Energy Star and LEED qualifications. This not only ensures aesthetic appeal but also contributes to energy savings and reduced cooling costs.

Standard Colors *Lead Time: 8 Weeks or Less*



Bright White
WXW0050L
PMW0864

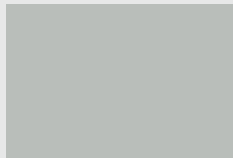


Igloo White
PMW0532

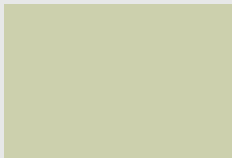


Old Town Gray
WXA0095L

Non-Standard Colors *Lead Time: 8-12 Weeks*



Dutch White
WXW0704L
PMW33644



Light Stone
WXD0038L



Saddle Tan
WXD0046L



Desert Sand
WXD0055L



Burnished Slate
WXB1007L



Charcoal
WXA0090L

NON-STANDARD COLORS, CONT. *Lead Time: 8-12 Weeks*



Crimson Red
WXR1630



Rustic Red
WXR0077L



Evergreen
WXG0021L



Gallery Blue
WXL0026L

POLYPREMIER™ POLYESTER (PE)

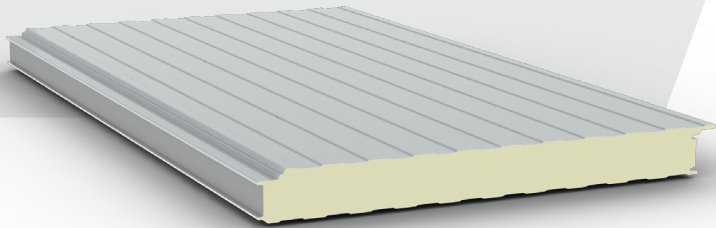
Also by Sherwin-Williams®, PolyPREMIER™ is a line of multi-purpose polyester coatings formulated for metal building and multi-purpose product components. Available PE colors are designated with PE color codes, starting with "PMW ...". Standard PE colors include Bright White and Igloo White. FALK's available non-standard PE color is Dutch White.

STAINLESS STEEL

FALK also offers 24-gauge 304 stainless steel for interior use only.



FALK HFW 40



Whether it's car service centers, showrooms, or distribution centers, the FALK HFW 40 is versatile and suitable for multiple uses with its variety of profiles and colors. Its concealed fixing method allows for extensive creative design flexibility.

FEATURES



Facade

Panels featuring this icon are suitable for facade applications.



Wall

Panels featuring this icon are suitable for wall system applications.



Demising Wall

Panels featuring this icon are suitable for use in demising wall systems.



Food Safe

A hygiene-compliant coating designed for use in the food industry.



Accessories

We offer compatible accessories to ensure buildings are completed and panels are securely installed.

FALK HFW 40 | HIDDEN FIXED WALL PANEL

Panel Thickness* [in]	R-Value**	U-Value (BTU/HR/FT ² /°F)
2.5	20.83	0.048
3	25.00	0.04
4	33.33	0.03
5	41.67	0.024
6	50.00	0.02
8	66.67	0.015

*Panel thickness is nominal.
**R-value calculated based on ASTM 1363 U-Factor results, at 35° mean. FALK's calculated R-value per inch is 8.33.

Panel Length*: 7' - 82'

Profiles: Micro Rib, Macro Rib, & Box

Coatings: Fluropon 70% PVDF, SMP, PE, & Stainless

Embossing: Standard for 24 & 26 Gauge
Not Available for 22 Gauge

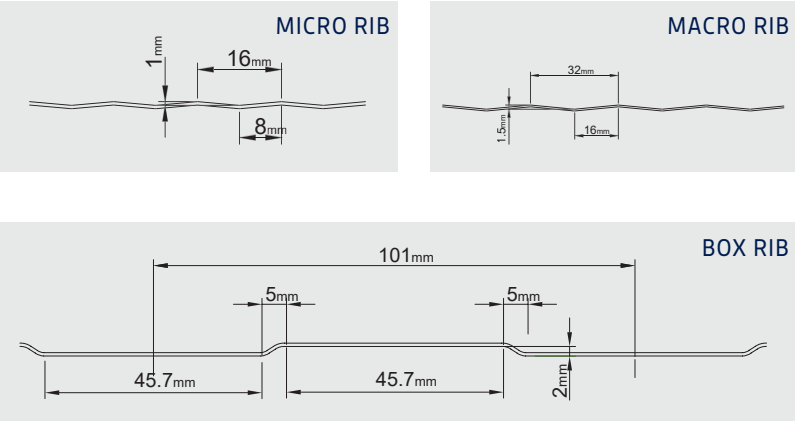
Designed for vertical and horizontal installation

Hidden fastener

* 82-foot-long panels require special transportation arrangements

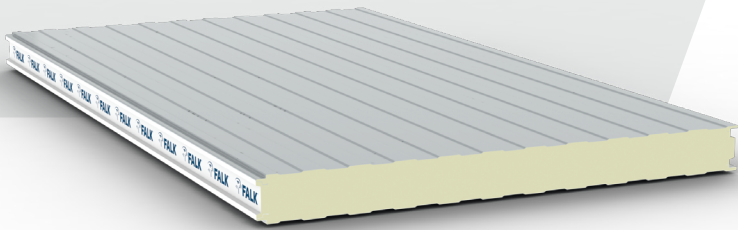
Horizontal and vertical mounting with concealed fastening

The FALK HFW 40 panel features a 'hidden' fastening method that conceals fasteners for a clean look upon installation. Versatile by design, it is ideal for facades, dividing walls, and ceilings. This panel comprises two profiled steel sheets with an insulating core, achieving an R-value of 8.33 per inch. Available outer profiles include micro rib, macro rib, and box profile, offering various design choices.





FALK CSW 44



As a leader in high-performance building solutions, the FALK CSW 44 panel is engineered to endure extreme conditions. These panels are optimally designed for applications such as cold storage, freezers, climate-controlled rooms, production areas, battery testing facilities, and sterile environments. They provide exceptional insulation, adeptly maintaining internal temperatures and repelling external heat, cold, and moisture.

FEATURES



Facade
Panels featuring this icon are suitable for facade applications.



Wall
Panels featuring this icon are suitable for wall system applications.



Demising Wall
Panels featuring this icon are suitable for use in demising wall systems.



Food Safe
A hygiene-compliant coating designed for use in the food industry.



Accessories
We offer compatible accessories to ensure buildings are completed and panels are securely installed.

FALK CSW 44 | COLD STORAGE WALL PANEL

Panel Thickness* [in]	R-Value**	U-Value (BTU/HR/FT2/°F)
3	25.00	0.04
4	33.33	0.03
5	41.67	0.024
6	50.00	0.02
8	66.67	0.015

*Panel thickness is nominal.
**R-value calculated based on ASTM 1363 U-Factor results, at 35° mean. FALK’s calculated R-value per inch is 8.33.

Panel Length*: 7’ - 82’

Profiles: Box

Coatings: Fluropon 70% PVDF, SMP, PE, & Stainless

Embossing: Standard for 24 & 26 Gauge
Not Available for 22 Gauge

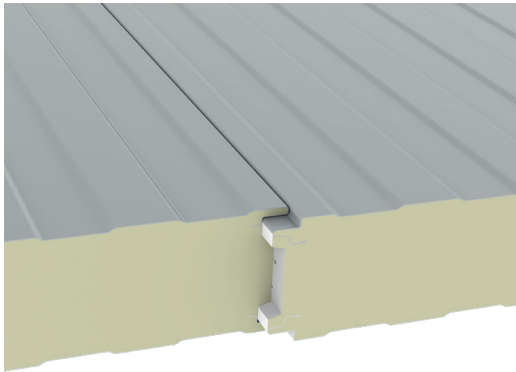
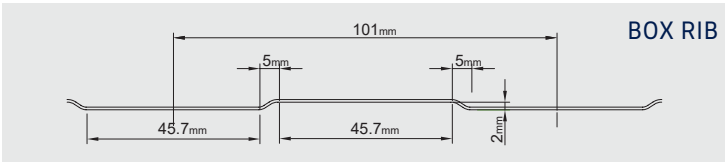
Excellent for use in cold storage, freezer rooms, or grow rooms

Visible fastener

* 82-foot-long panels require special transportation arrangements

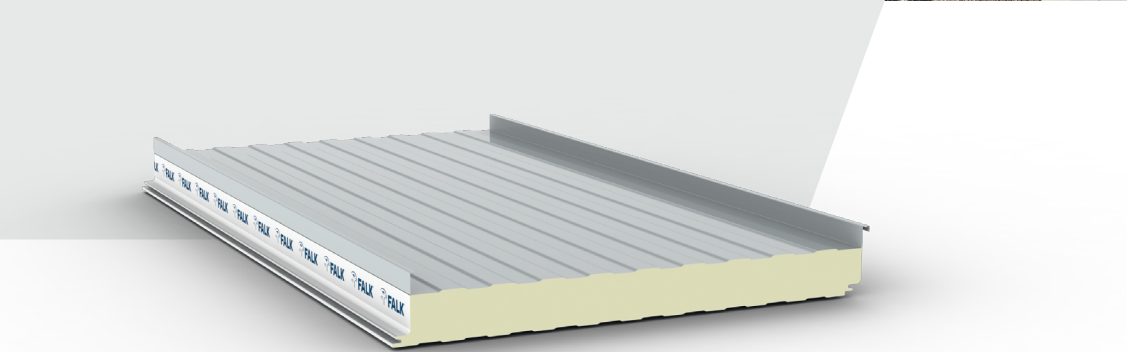
Advanced sealing

The FALK CSW 44 panel features an advanced joint designed to satisfy the demanding needs of refrigeration applications. This joint ensures an exceptional airtight seal, essential for maintaining consistent temperature and humidity levels. With its versatile design, the FALK CSW 44 can be tailored to meet diverse aesthetic and functional requirements, providing options for both horizontal and vertical installation to complement various architectural styles.





FALK SSR 42



The FALK SSR 42 roof panel offers a timeless look along with a state-of-the-art composite structure. This comprehensive design ensures robust structural integrity and contributes to the enhanced energy efficiency of the building’s envelope.

FEATURES



Pitched Roof

Panels featuring this icon are suitable for pitch roof systems.



Solar Enabled

Panels featuring this icon are suitable for solar panel installation. The quantity of panels and their attachment should be specified by the support system provider.



Accessories

We offer compatible accessories to ensure buildings are completed and panels are securely installed.

FALK SSR 42 | STANDING SEAM ROOF PANEL

Panel Thickness* [in]	R-Value**	U-Value (BTU/HR/FT2/°F)
3	25.00	0.04
4	33.33	0.03
5	41.67	0.024
6	50.00	0.02

*Panel thickness is nominal.
**R-value calculated based on ASTM 1363 U-Factor results, at 35° mean. FALK’s calculated R-value per inch is 8.33.

Panel Length*: 10’ - 82’

Profiles: Box / SSR Box

Coatings: Fluropon 70% PVDF, SMP, & PE

Embossing: Standard for 24 & 26 Gauge
Not Available for 22 Gauge

Attractive, durable, and energy efficient alternative to standard steel roofs

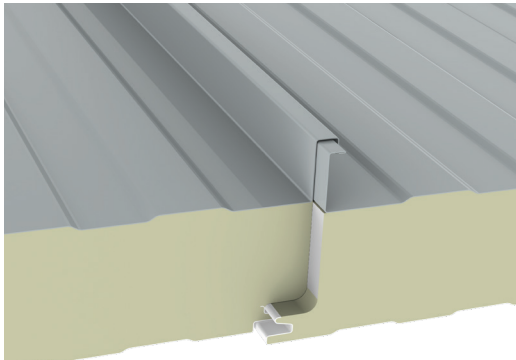
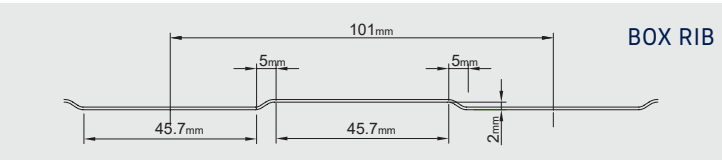
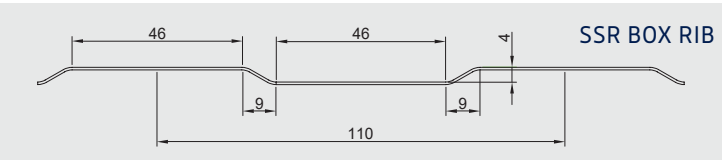
Visible fastener

Concealed wide-bay clip assembly

* 82-foot-long panels require special transportation arrangements

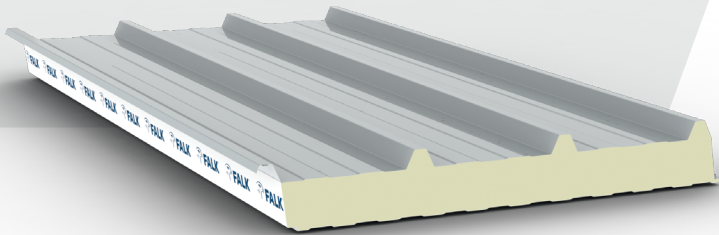
Economical and durable

The solar-enabled FALK SSR 42 roofing system offers a reliable weather-tight seal and a prolonged service life, perfect for commercial, industrial, and institutional settings. It excels in thermal and fire resistance, energy efficiency, and provides ease of assembly. Available in various colors, the FALK SSR 42 is a versatile, durable, and environmentally friendly option for roofing.





FALK RRP 40



The FALK RRP 40 panel features a unique three-crown trapezoidal design, blending aesthetic appeal with functional superiority. Its distinctive profile enhances architectural interest while also bolstering strength and durability, ensuring the roof structure’s longevity and reliability.

FEATURES



Pitched Roof
Panels featuring this icon are suitable for pitch roof systems.



Facade
Panels featuring this icon are suitable for facade applications.



Solar Enabled
Panels featuring this icon are suitable for solar panel installation. The quantity of panels and their attachment should be specified by the support system provider.



Accessories
We offer compatible accessories to ensure buildings are completed and panels are securely installed.

FALK RRP 40 | RIBBED ROOF PANEL

Panel Thickness* [in]	R-Value**	U-Value (BTU/HR/FT2/°F)
4	33.33	0.03
6	50.00	0.02

*Panel thickness is nominal.
**R-value calculated based on ASTM 1363 U-Factor results, at 35° mean. FALK’s calculated R-value per inch is 8.33.

Panel Length*: 10’ - 82’

Profiles: Box / RRP Box

Coatings: Fluropon 70% PVDF, SMP, & PE

Embossing: Standard for 24 & 26 Gauge
Not Available for 22 Gauge

Roof or wall application

Visible fastener

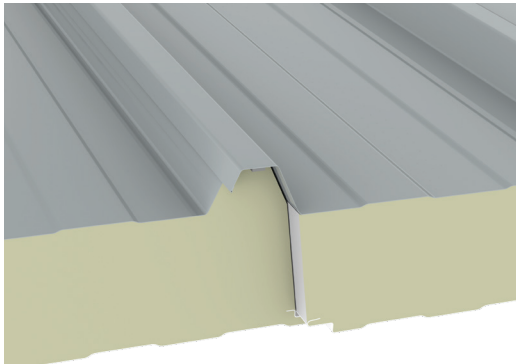
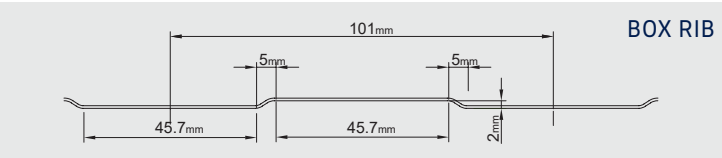
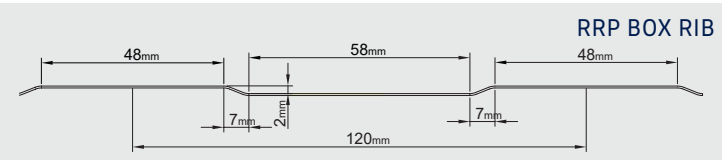
Slope: From 3/4:12 to 6:12

Rapid installation due to positive stacking

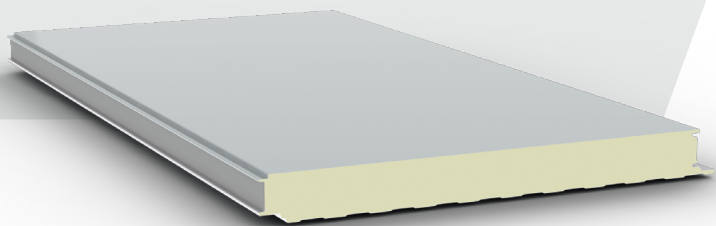
* 82-foot-long panels require special transportation arrangements

Versatile insulation and secure installation

The FALK RRP 40 panel offers varying insulation levels, with core thickness options ranging from 2.5 to 6 inches to maximize energy efficiency. Featuring an overlapping joint design with factory-applied foam and exposed fasteners, it ensures a secure and enduring connection. With a selection of colors and coatings, the FALK RRP 40 panel combines aesthetic versatility with quick installation, making it an excellent choice for both roofing and wall applications.



FALK RDEK 40



The FALK RDEK 40 system stands out as a premier lightweight, low-slope roof decking option that satisfies long-term performance objectives, especially where diaphragm shear integration is crucial. It replaces traditional B-decking with a single-component system that includes a high-performance polyisocyanurate insulation layer between two steel surfaces to meet rigorous design demands. When paired with either a self-adhered or fully adhered single-ply thermoplastic membrane, the FALK RDEK 40 becomes an indispensable part of a resilient roofing solution.

Suited for slopes from 0 to 1:12, the FALK RDEK 40 panels are delivered with a primed and coated exterior, ready for TPO or PVC application. Offering thickness options from 4 to 8 inches, the FALK RDEK 40 combines strength and aesthetic appeal. Designed to fasten only to the purlins or joists, it ensures a clean interior appearance.

FEATURES



Low Slope Roof

Panels featuring this icon are suitable for roof decking systems.



Solar Enabled

Panels featuring this icon are suitable for solar panel installation. The quantity of panels and their attachment should be specified by the support system provider.



Roofing Membrane

Panels featuring this icon are suitable for TPO & PVC single-ply membrane applications.



Accessories

We offer compatible accessories to ensure buildings are completed and panels are securely installed.

FALK RDEK 40 | ROOF DECK

Panel Thickness* [in]	R-Value**	U-Value (BTU/HR/FT ² /°F)
4	33.33	0.03
5	41.67	0.024
6	50.00	0.02
8	66.67	0.015

*Panel thickness is nominal.
**R-value calculated based on ASTM 1363 U-Factor results, at 35° mean. FALK’s calculated R-value per inch is 8.33.

Panel Length*: 7’ - 82’

Profiles: Box (Flat with Membrane on Weather-Side)

Coatings: Fluropon 70% PVDF, SMP, & PE
Liner Side Only: Stainless

Embossing: Standard for 24 & 26 Gauge
Not Available for 22 Gauge or HPS200 Coating

Replaces traditional B-Deck solutions

Slope: From 0 to 1:12

Rapid installation; phased construction permitted

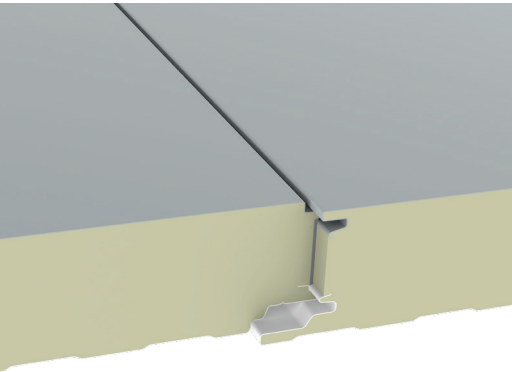
Suitable for high wind locations

* 82-foot-long panels require special transportation arrangements

Seamless protection and efficiency

The FALK RDEK 40 guarantees immediate watertight integrity upon installation, featuring watertight tongue and groove joints and a pre-installed foam gasket that blocks vapor and water. This accelerates other construction phases, enabling faster, cost-effective building completion. Its watertight design allows phased installation without worry.

The FALK RDEK 40 system is ideal for those seeking durable, aesthetically pleasing, and efficient roofing solutions.





THE FALK ADVANTAGE

Founded in 2020, FALK Panel specializes in manufacturing premium insulated metal panels, operating out of three major production facilities globally. We are committed to delivering innovative, high-quality, eco-friendly construction solutions, with a strong focus on versatility.

Located In West Michigan we take pride in operating North America's most advanced panel production facility. Our panels are designed to streamline construction processes, reduce labor expenses, and offer a variety of aesthetic options to meet diverse architectural needs. Our skilled team is committed to their pursuit of excellence within the insulated metal panel market, delivering outstanding value, craftsmanship, and adaptability.

Alongside our panels, we offer a range of accessories such as fasteners, flashing, trim, tools, and vacuum lifting systems, supported by personalized assistance to enhance your project's success.

Our diverse product range encompasses panels designed for facades, wall systems, ceilings, demising walls, and roof decking applications. All of our roofing systems are solar panel compatible, highlighting our dedication to sustainable solutions. Additionally, we offer our own FALK trucking fleet, ensuring reliable and efficient delivery of our products directly to your project site.

For a partner who understands modern construction and offers solutions tailored to your unique requirements, choose FALK Panel. Contact us for more information and assistance. Let's build the future together.



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