

MESCO + IPS INSULATED PANEL SYSTEMS

SSP Roof Panel

The Standing Seam Roof Panel is ideal for all temperature control roof systems. With IPS's patented Versalok® sidelap, these roofing panels are snapped together before being mechanically seamed. SSP panels are available in 36" widths and are manufactured in 2" to 5" thicknesses.

RWP Roof/Wall Panel

The RWP is designed to be used as a roof or wall panel on metal building framing. IPS offers this product with overlapping ribs and exposed fasteners. RWP panels are available in 36" widths and are manufactured in 1.5" to 5" thicknesses.

ESP Wall Panel

This architecturally pleasing panel is ideal for commercial applications. Its low-profile exterior facing and offset lap joint with concealed fasteners give it an attractive appearance for vertical applications. This panel is designed to give 36" coverage and is available in 2" to 5" thicknesses.

IPP Wall/Partition Panel

Designed primarily for interior applications, the IPP panel features an attractive flat embossed profile in 2" to 5" thicknesses. The panel also serves well as an exterior wall panel. Its concealed fasteners joint retains high thermal properties and its easy-to-maintain finishes enhance your building's appearance. IPP is designed to module on 36" centers and has a USDA approved finish as a standard skin coating.

EWP Wall Panel

The EWP panel offers contemporary styling in an easily installed panel. Its ribbed profile adds a strong vertical accent making it an ideal choice for metal building applications. Both interior and exterior skins have a stucco embossed, pre-painted finish. The EWP panel uses concealed fastener joints and modules on 36" widths.

Rockwall Coated Products

IPS Rockwall gives you the advantage of steel wall panel construction with the durable beauty of stone aggregate. The Rockwall process bonds real stone aggregate to steel panels with a super adhesive system. A clear sealer gives the finished panel a crisp, glazed appearance.

MESCO METAL BUILDINGS

"MAKING BUILDINGS THAT MAKE OUR BUILDERS THE BEST"



IPS **INSULATING PROPERTIES** HCFC Foam System

SSP ROOF PANEL



PRODUCT CODE	"T" THICKNESS	"U" FACTOR	"R" FACTOR
SSP 200	2"	.067	14.9
SSP 250	2 1/2"	.053	19.0
SSP 300	3"	.043	23.1
SSP 400	4"	.032	31.3
SSP 500	5"	.025	39.5

RWP ROOF PANEL



PRODUCT CODE	"T" THICKNESS	"U" FACTOR	"R" FACTOR
RWP 150	1 1/2"	.082	12.2
RWP 200	2"	.064	15.6
RWP 250	2 1/2"	.053	18.9
RWP 300	3"	.045	22.3
RWP 400	4"	.034	29.0
RWP 500	5"	.028	35.7

ESP ROOF PANEL



PRODUCT CODE	"T" THICKNESS	"U" FACTOR	"R" FACTOR
ESP 200	2"	.063	16.0
ESP 250	2 1/2"	.050	19.9
ESP 300	3"	.042	23.9
ESP 400	4"	.031	31.9
ESP 500	5"	.025	40.0

IPP ROOF PANEL



PRODUCT CODE	"T" THICKNESS	"U" FACTOR	"R" FACTOR
IPP 200	2"	.063	16.0
IPP 250	2 1/2"	.050	19.9
IPP 300	3"	.042	23.9
IPP 400	4"	.031	31.9
IPP 500	5"	.025	40.0

EWP ROOF PANEL



PRODUCT CODE	"T" THICKNESS	"U" FACTOR	"R" FACTOR
EWP 200	2"	.072	13.9
EWP 250	2 1/2"	.058	17.3
EWP 300	3"	.048	20.8
EWP 400	4"	.036	27.7
EWP 500	5"	.029	34.6

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Roof and Wall Panels Are Manufactured To The Following Specifications:

- Exterior faces are 22-, 24- or 26-gauge aluminum zinc alloy coated steel, AZ55 coating class, conforming to ASTM A792, Grade 50 (50,000 psi. min. yield).
- Interior faces are 22-, 24- or 26-gauge steel G60 (min.) coating class, conforming to ASTM A653, Grade 50 (50,000 psi. min. yield); or aluminum zinc alloy coated steel, AZ250 coating class conforming to ASTM A782 Grade 50 (50,000 psi. min. yield)
- Insulation foam core is foamed-in-place rigid modified isocyanurate using an HCFC blowing agent, and has the following physical properties:
 1. Density: 2.0 pcf (nom.)
 2. Compressive strength: 23 psi
 3. Tensile strength: 39 psi
 4. Shear strength: 26 psi
 5. Closed cell: 93%
 6. Cold aging: 1% volume decrease after 7 days at -20°F
 7. Heat aging: 2% volume increase after 28 days at 200°F
 8. Humid aging: 3% volume increase after 28 days at 153° and 100% RH.
- Trim and flashing are formed sheet metal that matches the thickness and finish of the panel faces.
- All exposed fasteners are stainless steel, stainless steel clad, aluminum or cast zinc-aluminum alloy painted to match panel color.
- Panel exterior faces are coated with a siliconized polyester or 70% Resin Kynar finish system. Contact IPS for color selection and availability.
- Panel interior faces are coated with a white polyester finish system. Other colors and finishes, including a USDA approved white polyester finish are also available. Contact IPS for color selection and availability.
- SSP Standing Seam Panel with VersaLok® is an IPS exclusive. This roofing panel has unique features not available from any other source.

