



IPS Company History

- FWP Wall Panel
- HWP Wall Panel
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone -
Coated
- IPS Panel Color And
Finish Guide



IPS Company History

The construction business in America faced a crisis immediately following World War II.

Due to the demand on materials for the war effort, civilian construction had all but halted. That pent-up need, combined with a flurry of activity after the war, suddenly confronted contractors across the country. Fledgling metal building manufacturers took advantage of this growth opportunity by quickly expanding their product lines to meet the need. Quonset, who had been in the business of providing military buildings, discontinued the use of olive-drab paint, made other modifications and was ready to serve industrial clients.

Rigid frames became standard and curved walls gave way to straight walls. Screws now included gaskets, ribbed-panel walls and the continuous purlin was introduced as a fixture in the industry. Metal building components, including panels, were offered in an increasing variety of colors, widths, lengths and heights. Economical, efficient insulation became a standard.

The metal building industry thrived because it was able to surmount economic challenges over the years. The industry's reputation for providing cost-effective buildings with fast occupancy allowed it to quickly adapt to the requirements of a changing construction business, and more importantly, expand and improve at the same time.

As the metal building industry has grown, an additional need for replacement and expansion components for existing buildings has developed. In response to this need, a number of related businesses have emerged to supply roofing panels, wall panels and other component parts to metal building contractors. Insulated Panel Systems, IPS, was acquired by NCI Building Systems in February 1997. IPS manufactures a complete line of insulated panels for both wall and roof applications at the plant located in Jackson, Miss. IPS serves both the new and retrofit construction markets.

These products have undergone careful research and development, including fire and uplift testing. IPS's Panel systems are thermally efficient, affordable, aesthetically pleasing products. All of the wall panels are available with our Rockwall system. The Rockwall process bonds real stone aggregate to steel panels, combining the advantages of steel with the durability and beauty of stone aggregate.

Feature

Benefit

Foam thickness of 1 ½", 2", 2 ½", 3", 4", 5" & 6".	Excellent insulating properties providing R-values up to 7.69 per inch of insulation.
Complete Load/Span tables available.	Allows designer to make proper use of panel span capabilities.
Excellent test results for air leakage and water penetration through panel joint.	Confirming weathertightness in compliance with specifications.
Superior surface burning characteristics.	Complies with model building codes for foam plastics.
Concealed fasteners with clips for most panels.	Provides a contemporary alternative to exposed fasteners.

FWP Wall Panel



PRODUCT DESCRIPTION

The FWP wall panel employs a flat appearance providing a monolithic look that is great for high-profile architectural applications. The interior skin has a Mesa profile.

Gauges:	Exterior: 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	24", 30" and 36"
Thicknesses:	2", 2½", 3" and 4"
Lengths:	Recommended maximum is 32'
Attachment:	Concealed clips

IPS Company History

[FWP Wall Panel](#)

[HWP Wall Panel](#)

[IPP II Wall Panel](#)

[EWP II Wall Panel](#)

[ESP II Wall Panel](#)

[Sonora™ Wall Panel](#)

[RWP II Roof /Wall Panel](#)

[IBL Roof Panel](#)

[Rockwall Coating](#)

[Rockwall Stone -](#)

[Coated](#)

[IPS Panel Color And](#)

[Finish Guide](#)



- IPS Company History
- FWP Wall Panel
- HWP Wall Panel**
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone -
Coated
- IPS Panel Color And
Finish Guide



HWP Wall Panel

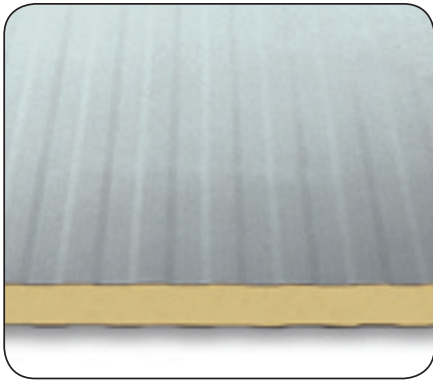


PRODUCT DESCRIPTION

HWP is manufactured for horizontal applications and offers design flexibility and beautiful architectural aesthetics. HWP employs a smooth, flat appearance providing a uniform look that is great for high-end architectural applications. HWP allows designers to mix multiple panel widths and colors on the same wall. It also provides flexibility for continuous corners along with a complete line of aluminum extrusions and accessories to complete the wall system. When desired, these panels can be mixed with vertical IPS panels to achieve most any look a designer requires.

Gauges:	Exterior: 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	24", 30" and 36"
Thicknesses:	2", 2½" and 3"
Lengths:	Recommended maximum is 24'
Attachment:	Concealed clips

IPP II Wall Panel



PRODUCT DESCRIPTION

The IPP II wall panel is designed for interior wall partitions and exterior wall applications. The appealing flat exterior and interior skins have a Mesa profile. The versatility of this panel allows for a uniform appearance from outside to in and from room to room in partition applications.

Gauges:	Exterior: 26, 24 and 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	36" and 42"
Thicknesses:	2", 2½", 3", 4", 5" and 6"
Lengths:	Recommended maximum is 40'
Attachment:	Concealed clips

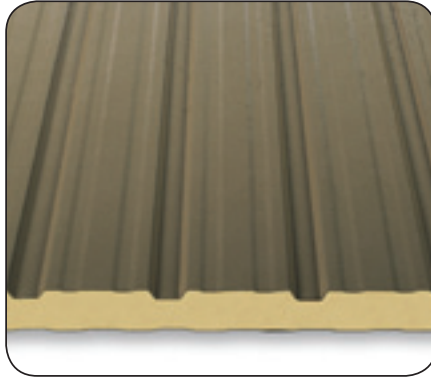
- IPS Company History
- FWP Wall Panel
- HWP Wall Panel
- IPP II Wall Panel**
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone -
Coated
- IPS Panel Color And
Finish Guide



[IPS Company History](#)
[FWP Wall Panel](#)
[HWP Wall Panel](#)
[IPP II Wall Panel](#)
[EWP II Wall Panel](#)
[ESP II Wall Panel](#)
[Sonora™ Wall Panel](#)
[RWP II Roof /Wall Panel](#)
[IBL Roof Panel](#)
[Rockwall Coating](#)
[Rockwall Stone -
 Coated](#)
[IPS Panel Color And
 Finish Guide](#)



EWP II Wall Panel

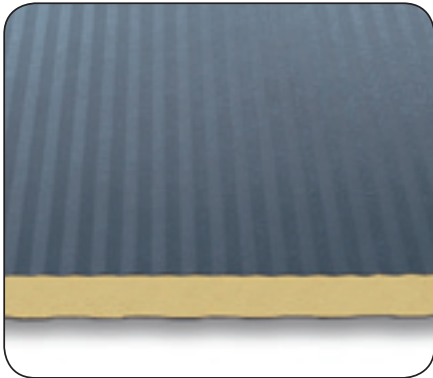


PRODUCT DESCRIPTION

The traditional styling and distinct vertical lines of the EWP II is ideal for custom-designed or conventional building construction, especially commercial and industrial applications. The interior skin employs a Mesa profile.

Gauges:	Exterior: 26, 24 and 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	36"
Thicknesses:	2", 2½", 3", 4", 5" and 6"
Lengths:	Recommended maximum is 40'
Attachment:	Concealed clips

ESP II Wall Panel



PRODUCT DESCRIPTION

The exterior skin of the ESP II is profiled with minor striations giving it a flat look and providing a linear appearance while blending with the panel side joints. This panel is an excellent alternative to typical flat wall panels. The interior skin has a Mesa profile.

Gauges:	Exterior: 24 and 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	36" and 42"
Thicknesses:	2", 2½", 3" and 4"
Lengths:	Recommended maximum is 40'
Attachment:	Concealed clips

- IPS Company History
- FWP Wall Panel
- HWP Wall Panel
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel**
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone -
Coated
- IPS Panel Color And
Finish Guide





- IPS Company History
- FWP Wall Panel
- HWP Wall Panel
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel**
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone -
Coated
- IPS Panel Color And
Finish Guide



Sonora™ Wall Panel

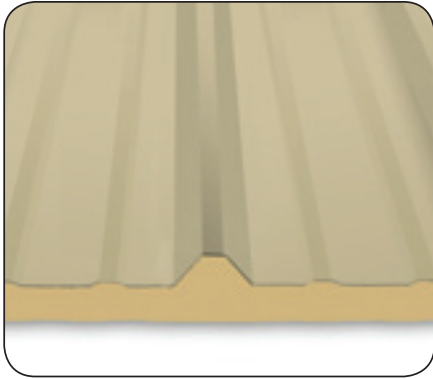


PRODUCT DESCRIPTION

Sonora's exterior skin has a flat exterior profile with an Aztec-embossed pattern resembling old-world hand plaster. The interior profile employs a Mesa profile.

- Gauges:** Exterior: 24 and 22
Interior: 24 and 22
- Surfaces:** Exterior: Aztec-embossed
Interior: Stucco-embossed
- Widths:** 36" and 42"
- Thicknesses:** 2", 2½", 3" and 4"
- Lengths:** Recommended maximum is 40'
- Attachment:** Concealed clips

RWP II Roof/Wall Panel



PRODUCT DESCRIPTION

The versatility of the RWP II panel offers a multitude of design options. The RWP II can be utilized for roof or wall applications. The standard exterior skin is smooth but can be embossed if requested. The interior skin is roll-formed with our standard interior Mesa profile. The RWP II panel is the only IPS panel that utilizes a through-fastened attachment.

Gauges:	Exterior: 26, 24 and 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Smooth or embossed Interior: Stucco-embossed
Widths:	36"
Thicknesses:	1½", 2", 2½", 3", 4", 5" and 6"
Lengths:	Recommended maximum is 40'
Attachment:	Through fastened

IPS Company History

FWP Wall Panel

HWP Wall Panel

IPP II Wall Panel

EWP II Wall Panel

ESP II Wall Panel

Sonora™ Wall Panel

RWP II Roof /Wall Panel

IBL Roof Panel

Rockwall Coating

Rockwall Stone -

Coated

IPS Panel Color And

Finish Guide



[IPS Company History](#)
[FWP Wall Panel](#)
[HWP Wall Panel](#)
[IPP II Wall Panel](#)
[EWP II Wall Panel](#)
[ESP II Wall Panel](#)
[Sonora™ Wall Panel](#)
[RWP II Roof/Wall Panel](#)
[IBL Roof Panel](#)
[Rockwall Coating](#)
[Rockwall Stone -
Coated](#)
[IPS Panel Color And
Finish Guide](#)



RWP II Roof/Wall Panel

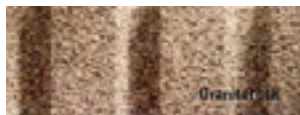
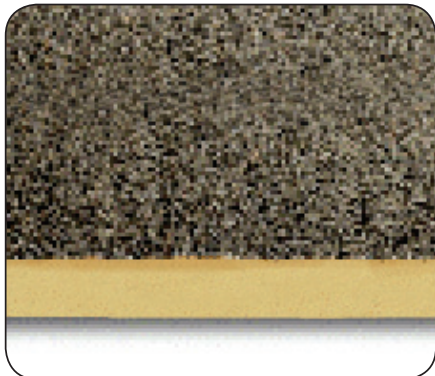


PRODUCT DESCRIPTION

The exterior profile of the IBL roof panel has a 2"-high standing seam with the Mesa profile. The interior profile is also a Mesa pattern. The IBL panel is attached to structures with concealed clips to ensure maximum R-values.

Gauges:	Exterior: 24 and 22 Interior: 26, 24 and 22
Surfaces:	Exterior: Stucco-embossed Interior: Stucco-embossed
Widths:	30", 36" and 42" available upon request
Thicknesses:	2", 2½", 3", 4", 5" and 6"
Lengths:	Recommended maximum is 50'
Attachment:	Concealed clips

Rockwall Coating



PRODUCT DESCRIPTION

All of IPS's wall panels are available with the Rockwall Finish system. The Rockwall Coating provides the advantage of steel wall panel construction with the durable beauty of stone aggregate. The coating process bonds real stone aggregate to the steel panels with a super adhesive system. A clear sealer is used to finish the panel with a crisp glazed appearance.

- Gauges:** 24 and 26
- Surfaces:** Granite Rock
- Panels:** Insulated or non-insulated wall type
- Colors:** Granite Rock - several earthtone shades - light brown
- Length:** Maximum recommended length is 20' 0"
- Fasteners:** Concealed clips on insulated panels, color matched screw heads on exposed fastener panels, concealed fasteners on architectural panel.
- Usages:** The Rockwall finish is available on all IPS wall panel profiles:
- Limitations:** For wall applications only.

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EWP II Wall Panel

ESP II Wall Panel

Sonora™ Wall Panel

RWP II Roof /Wall Panel

IBL Roof Panel

Rockwall Coating

Rockwall Stone -

Coated

IPS Panel Color And

Finish Guide



- IPS Company History
- FWP Wall Panel
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone - Coated
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Insulated Panel Color Chart

Meeting Today's **BUILDING DEMANDS**

Insulated Panels COLOR CHART

INSULATED PANEL SYSTEMS
www.insulated-panels.com

★ ENERGY STAR Qualified Color

SIGNATURE® 300 Standard Stocked Colors | KYNAR 500®, HYLAR 5000® | Low Gloss

SNOW WHITE ★ <small>SR.65 SR.79</small>	ALMOND ★ <small>SR.41 SR.76</small>	TUNDRA ★ <small>SR.46 SR.53</small>	BROWNSTONE ★ <small>SR.47 SR.54</small>	MEDIUM BRONZE ★ <small>SR.33 SR.36</small>

SIGNATURE® 300 Standard Non-Stocked Colors | KYNAR 500®, HYLAR 5000® | Low Gloss

HARBOR BLUE ★ <small>SR.28 SR.30</small>	PACIFIC BLUE ★ <small>SR.29 SR.31</small>	COLONIAL RED ★ <small>SR.34 SR.37</small>	BRITE RED ★ <small>SR.49 SR.55</small>	SLATE GRAY ★ <small>SR.37 SR.41</small>
MIDNIGHT BRONZE ★ <small>SR.29 SR.31</small>	NATURAL PATINA ★ <small>SR.41 SR.47</small>	SPRUCE ★ <small>SR.36 SR.40</small>	HUNTER GREEN ★ <small>SR.35 SR.39</small>	CLASSIC GREEN ★ <small>SR.28 SR.30</small>

SIGNATURE® 300 Standard Non-Stocked Metallic Colors | KYNAR 500®, HYLAR 5000® | Low Gloss

		<small>Note: Metallic coatings are directional. Panels and trim must be installed oriented in the same direction to prevent perceived shade variances.</small>		
COPPER METALLIC ★ <small>SR.45 SR.51</small>	SILVER METALLIC ★ <small>SR.32 SR.60</small>			

SIGNATURE® 200 Standard Stocked Colors | SILICONIZED POLYESTER | Standard Gloss
Polar White is a Straight Polyester.

POLAR WHITE ★ <small>SR.58 SR.69</small>	LIGHT STONE ★ <small>SR.50 SR.58</small>	ASH GRAY ★ <small>SR.48 SR.54</small>	BURNISHED SLATE ★ <small>SR.28 SR.29</small>	KOKO BROWN ★ <small>SR.25 SR.29</small>

SIGNATURE® 200 Standard Non-Stocked Colors | SILICONIZED POLYESTER

HAWAIIAN BLUE ★ <small>SR.32 SR.35</small>	CRIMSON RED ★ <small>SR.33 SR.34</small>	FERN GREEN ★ <small>SR.28 SR.29</small>	SADDLE TAN ★ <small>SR.48 SR.56</small>	DESERT SAND ★ <small>SR.42 SR.48</small>
CHARCOAL GRAY ★ <small>SR.28 SR.30</small>	RUSTIC RED ★ <small>SR.36 SR.40</small>	GALLERY BLUE ★ <small>SR.28 SR.30</small>		

SIGNATURE® 200 Standard Interior Color | SILICONIZED POLYESTER

	<small>For complete performance specifications, product limitations and disclaimers, please consult IPS's Paint and Galvalume Plus® warranties. Upon receipt of payment in full, these warranties are available upon request for all painted or Galvalume Plus®, prime products.</small>			
USDA WHITE				

All IPS Colors meet Cool Roof color standards for steep slope applications. See SR and SRI details for low slope specifications.

Solar Reflectivity (SR)/ ENERGY STAR Requirements
Solar reflectivity or reflectance is the ability of a material to reflect solar energy from its surface back into the atmosphere. The SR value is a number from 0 to 1.0. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. ENERGY STAR requires SR values of 0.25 or higher for steep slope roofing (greater than 2:12) and 0.65 or higher for low slope roofing (2:12 or less). For more information, please go to www.energystar.gov.

Solar Reflectance Index (SRI)/ LEED Requirements
The SRI is used to determine compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. Emissivity is a material's ability to release absorbed energy. To meet LEED requirements, a roofing material must have an SRI of 29 or higher for steep slope (greater than 2:12) roofing and an SRI value of 78 or higher for low slope (2:12 or less) roofing. For more information, please go to www.usgbc.org.

- Color shown may vary slightly from the actual color. Final color selection should be made from actual color chips. Please call IPS for a metal color chip to verify color selection.
- For the most current information available, visit our website at www.insulated-panels.com.
- Heavier gauges, narrower widths, striations and embossing minimize "oil canning."
- A 25-year limited paint warranty is available for all colors upon written request. For locations outside the continental USA and Canada, please inquire.
- Signature® is a registered trademark of NCI Group, Inc. KYNAR 500® is a registered trademark of Arkema, Inc. HYLAR 5000® is a registered trademark of Solvay Solexis.

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6-11/10M

Insulated Panel Finish Guide

- IPS Company History
- FWP Wall Panel
- IPP II Wall Panel
- EWP II Wall Panel
- ESP II Wall Panel
- Sonora™ Wall Panel
- RWP II Roof /Wall Panel
- IBL Roof Panel
- Rockwall Coating
- Rockwall Stone - Coated
- IPS Panel Color And Finish Guide

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TEXTURED FINISH® Colors

			
ALMOND	BROWNSTONE	TUNDRA	SLATE GRAY

NATURAL STONE® Colors

			
ADOBE RED	CANYON ROCK	DESERT DUSK	GLACIER GRAY
			
SAHARA SAND	SEA CACTUS	SEDONA SNOW	SIENNA SUNDOWN
			
ARCTIC ASH	SMOKY ASH		

ROCKWALL Colors


GRANITE ROCK

- Color shown may vary slightly from the actual color. Final color selection should be made from actual color chips. Please call IPS for a metal color chip to verify color selection.
- For the most current information available, visit our website at www.insulated-panels.com.
- Heavier gauges, narrower widths, striations and embossing minimize "oil canning."
- Limited paint warranties available for all colors upon written request. (Outside the continental United States, please inquire.)

For complete performance specifications, product limitations and disclaimers, please consult IPS's Applied Finish warranties. Upon receipt of payment in full, these warranties are available upon request.

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PRODUCT CATALOG 65