

CARRON AND COMPANY

CARRON AND COMPANY, a family owned and operated business, provides metal decking, metal siding and a variety of metal accessories and components to the construction industry. The company was established in 1960 and has expanded and responded to the needs of the construction industry for the past four decades.

A second company, **INSULATED METAL WALL PLANK**, was formed in 1969 when a product line of insulated metal sandwich panels or "planks" was acquired.

In 2004, Carron and Company became the National Sales Office for a unique line of curved panels known as **FLOLINE ARCHITECTURAL SYSTEMS**. Floline produces custom curved wall, roof and fascia systems including mitered corners and trim.



Custom Gold Anodized Fascia Panels

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Curved 1 1/2" Type "B" Roof Deck

CARRON AND COMPANY

25523 W. Ruff Street
Plainfield, IL 60585

Phone: 630-922-0550

Fax: 630-922-0880

Email: info@carronandco.com

Web Site: www.carronandco.com

Product Lines

Steel Roof Deck

1 1/2" Deep Profiles,
2" & 3 1/2" Versa-Dek®,
3" Deep Profiles,
Long Span 4 1/2" to
7 1/2" Deep Profiles,
Acoustical, Cellular

Composite Floor Deck

1 1/2" Composite,
2" Composite,
3" Composite,
Versa-Dek® Composite,
Cellular Composite

Steel Form Deck

9/16" Form Deck,
15/16" Form Deck,
1 5/16" Form Deck,
1 1/2" Form Deck

Insulated Metal Wall Plank

WP-8 Panel

Metal Wall and
Roof Panels

Exposed Fastener and
Hidden Fastener Panels,
Liner Panels

Floline Architectural
Systems

Curved Wall, Roof and
Fascia Panels

Corrugated Fiberglass
Panels

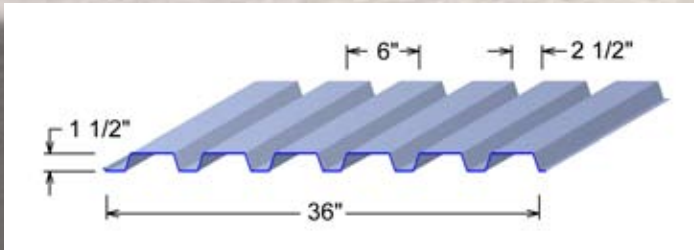
Translucent and Opaque
Wall and Roof Panels

Metal Deck

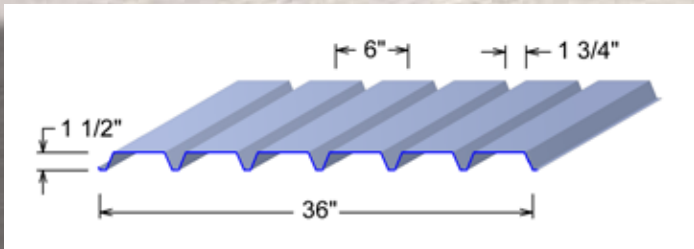
We stock and distribute numerous steel deck types in a variety of dimensions, finishes and design thickness. Most profiles can be crimp curved. For more detailed information on these and other deck types, please refer to our web site at www.carronandco.com.

Roof Deck

Type "B" Wide Rib Deck



Type "F" Intermediate Rib Deck



3" Cellular Acoustical Roof Deck

Roof Deck Design Thickness

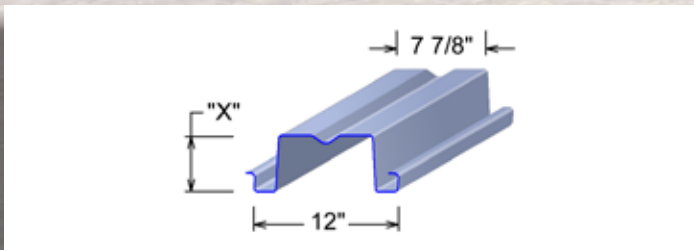
- 22 ga. (.0295)
- 20 ga. (.0358)
- 18 ga. (.0474)
- 16 ga. (.0600) □

□ Not available for Types "A" or "F" deck

Finishes

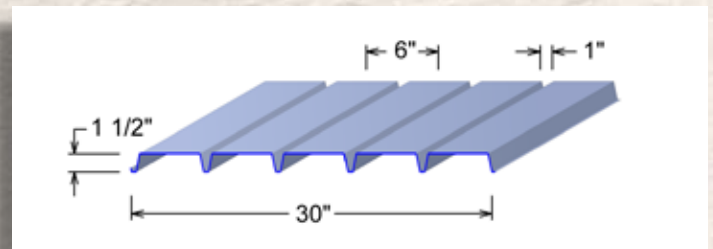
- Prime Painted Gray
- Prime Painted Gray with White Bottom
- Plain Galvanized (G-60 or G-90)
- Galvanized and Prime Painted
- Stainless Steel

Long Span Deck

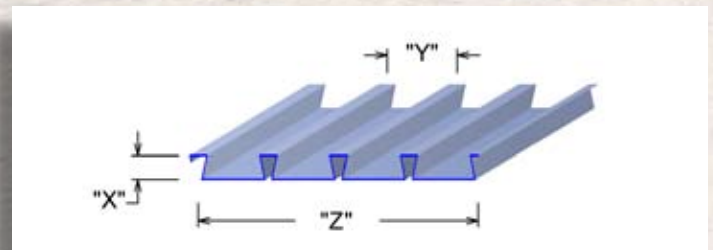


"X" = 4 1/2", 6" or 7 1/2"

Type "A" Narrow Rib Deck

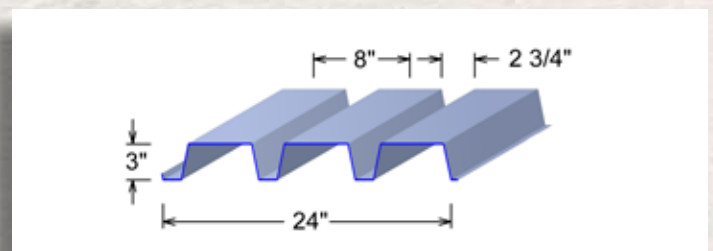


Type "Versa-Dek"® Dovetail Deck



(X, Y, Z) = (2", 6.125", 24.5") or (3.5", 8", 24")

Type "N" Deep Rib Deck



Cellular Deck

- 1 1/2" Deep
- 3" Deep
- Long Span Deck

Acoustical Deck

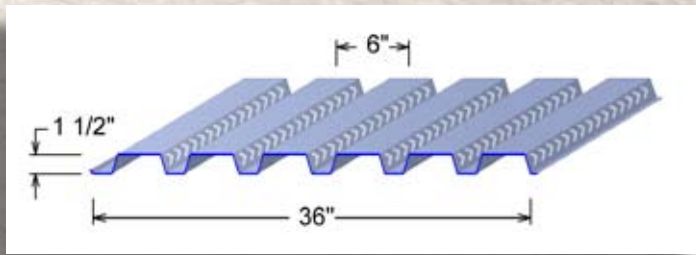
- Type "BA"
- Type "NA"
- Type "Versa-Dek"®
- Long Span Deck
- Cellular Deck

Curved Deck

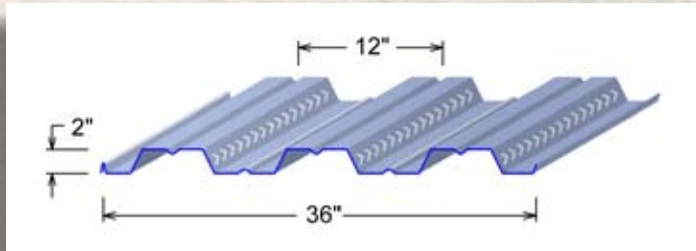
Crimp Curved - Convex and Concave

Composite Floor Deck

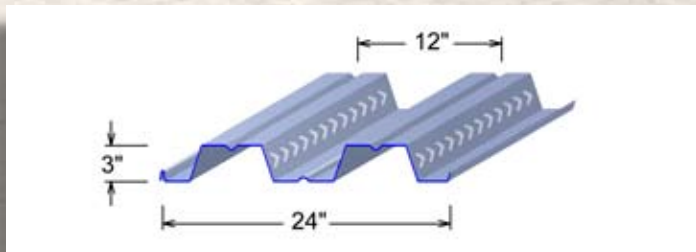
1 1/2" Composite Floor Deck



2" Composite Floor Deck



3" Composite Floor Deck



Composite Deck Design Thickness

- 22 ga. (.0295)
- 20 ga. (.0358)
- 18 ga. (.0474)
- 16 ga. (.0600) □

□ Limited to select profiles and finishes

Composite Deck Finishes

Phosphatized Top and Prime Painted Gray Bottom
Plain Galvanized (G-60 or G-90)

Cellular Composite Deck

1 1/2", 2" and 3" Composite

Accessories

- | | |
|--------------------|-----------------|
| Sump Pans | Shear Studs |
| Floor Deck Closure | Welding Washers |
| Pour Stop | Screw Fasteners |
| Profile Closure | |



9/16" Form Deck on Bar Joist

Form Deck

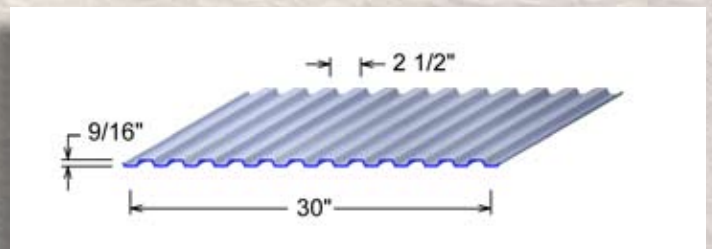
Form Deck Steel Design Thickness

- 28 ga. (.0149)
- 26 ga. (.0179)
- 24 ga. (.0252)
- 22 ga. (.0295)

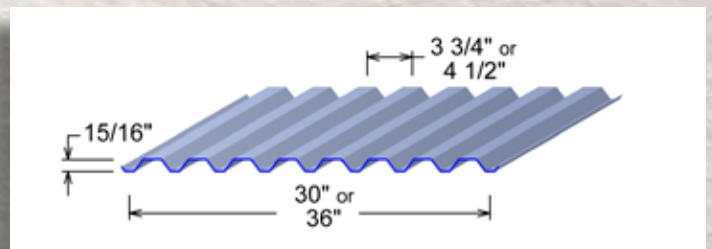
Form Deck Finishes

- Uncoated
- Plain Galvanized (G-60 or G-90)
- Prime Painted Gray

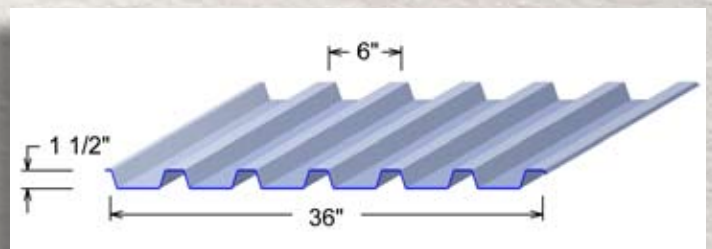
9/16" Form Deck



15/16" Form Deck



1 1/2" Form Deck



Insulated Metal Wall Plank

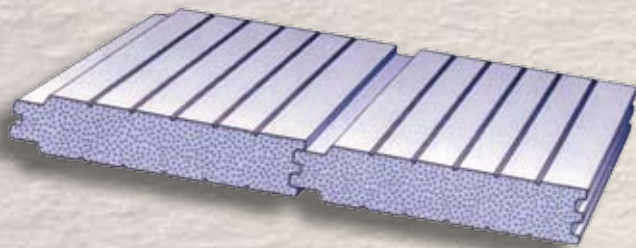
Insulated Metal Wall Plank has been manufacturing insulated metal sandwich panels or "planks" since 1969. Over 35 years of design, manufacturing and installation experience have resulted in a time proven, cost-effective performance record.

WP-8 Panel

The WP-8 sandwich panel is the solution to the paradox of maximizing thermal efficiency while minimizing construction cost. The panel is ideal for industrial and commercial applications.

Our factory laminated, interlocking panels feature double tongue and groove construction incorporating non-mechanically fastened concealed securing clips. (No screws!) Flashings and closures are self draining.

The flat profiled panels are clad in steel, utilize a foam insulating core, and are available in a variety of finishes. Years of engineering and manufacturing know-how result in products which offer architectural design freedom and provide for one-step economical installation and maintenance free durability. For more detailed information on the WP-8 panel, please refer to our website at www.carronandco.com.



Panel Sizes

Standard sizes are as follows:

Width:	8"
Length:	4'- 0" to 27'- 0"
Thickness:	2"

Faces and Finishes

Exterior and interior panel faces are smooth texture, 26 ga. Galvalume steel with factory applied finishes.

The exterior face is available in a variety of Kynar 500® colors. The interior face is typically finished in Polar White siliconized polyester.



Sun Chemical
Over 30,000 square feet and 30 years

Panel Features and Applications

The WP-8 panel features:

- Simple design utilizing concealed fastening clips
- Light weight handling and installation
- Easy notching and cutting (each plank is 8" wide)
- "Flat" surface appeal
- Panels are factory laminated and can't "blister"

Typical applications for the WP-8 panel include:

- Exterior wall enclosures for warehouses, factories or offices
- Parapet fascia enclosure
- Interior wall partitions
- Explosion release wall sections
- Energy efficient retrofits of existing wall and window systems
- Exterior wall installation from "inside" the building



Foam Insulating Core

Standard insulating core for the *WP-8* panel is expanded polystyrene foam (EPS) in standard 2" thickness. EPS is a closed cell, light weight, mildew resistant foamed plastic insulating material.

EPS Insulating Core	
Thickness	2"
Density	1.5 pcf
R-Value (at 25° F)	9.5
Flame Spread	5
Smoke Developed	5 - 235

Test Data

The *WP-8* panel is able to sustain a 100 mph wind load at an 8'- 0" girt spacing.

The *WP-8* panel was tested for water and air infiltration per ASTM E331-86 and ASTM E282-84 standards. There was no observable water penetration to the interior face through the panel joints at 6.54 psf pressure differential. Air infiltration did not exceed .04 cfm per square foot of wall area at 1.57 psf.



MTI
Two-tone with stack joint



Rite-Way Carpet & Tile
6,000 square feet of custom orange finish

Accessories

Metal flashings and trim are factory formed from the same material and finish as the panel face.

Self-draining bottom and corner closures are fabricated from 20 ga. galvanized steel with 26 ga. wrapper to match panel face.

The *WP-8* panel system incorporates non-mechanically fastened concealed clips to secure panels to the structural frame. The concealed clips are fabricated from 22 ga. galvanized steel. The concealed clips secure both the exterior and the interior faces to each structural support member.

As a matter of design, the *WP-8* panel does not require screw fasteners. Side lap caulking is not required nor is it recommended. Installation is fast, simple and economical.

W

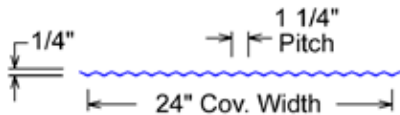
P

Metal Wall and Roof Panels

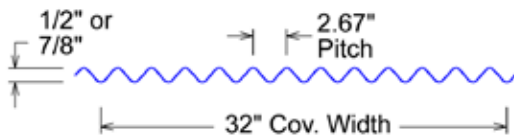
Listed below are steel and aluminum panel profiles with nominal profile dimensions, standard finishes, and standard design thickness. For more detailed information on these and other panel types, please refer to our web site at www.carronandco.com.

Exposed Fastener Panels

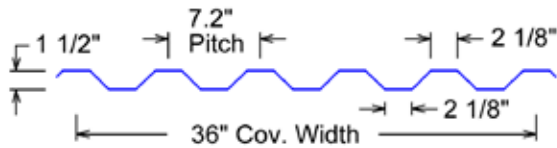
1/4" Corrugated



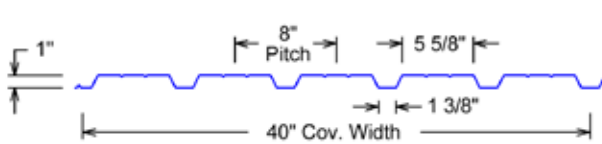
1/2" and 7/8" Corrugated



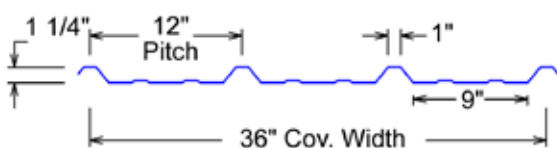
7.2" Rib



8" Rib



"R" Panel



Curved Panels

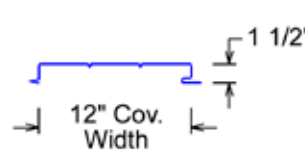
Corrugated - Roll Curved
Ribbed - Crimp Curved



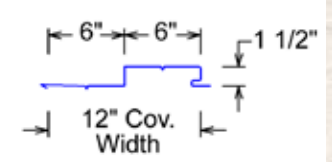
7/8" Corrugated Aluminum Wall Panels

Hidden Fastener Panels

12" Flush



6 Up - 6 Down



Liner Panel



Substrate

G-90 Galvanized Steel
Galvalume Steel
Aluminum (Smooth or Stucco Embossed)
Stainless Steel (Inquire)

Note: Substrates are limited to select profiles

Design Thickness

Steel: 18, 20, 22, 24, 26 and 29 ga.
Aluminum: .032" or .040"

Note: Design thickness is limited by panel profile

Finishes

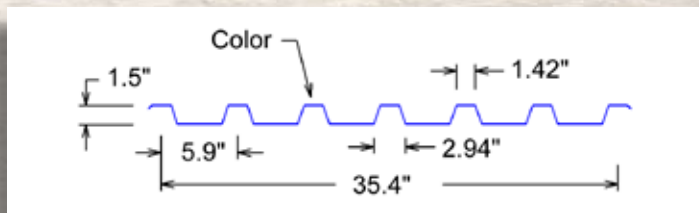
Bare Metal
Siliconized Polyester
Kynar 500® (PVDF)
Vinyl Plastisol

Floline Architectural Systems

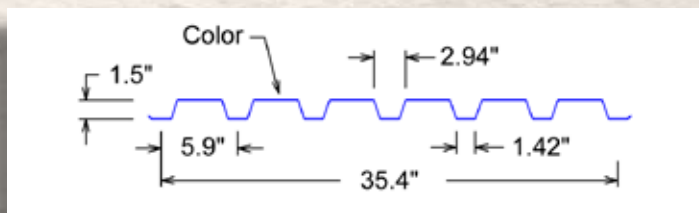
Floline manufactures a customized line of curved wall, roof and fascia systems. Engineered packages include straight and curved trim, drawings, accessories and factory fabricated mitered corners. For detailed information, please refer to our web site at www.carronandco.com.

Curved Panels

Floline 900 Panel



Floline 900R Panel



Office Building Cornice System

Substrate and Finish

- Kynar 500® (PVDF) on G-90 Galvanized Steel
- Aluminum □
- Stainless Steel □

□ Requires minimum quantity and engineering review

Design Thickness

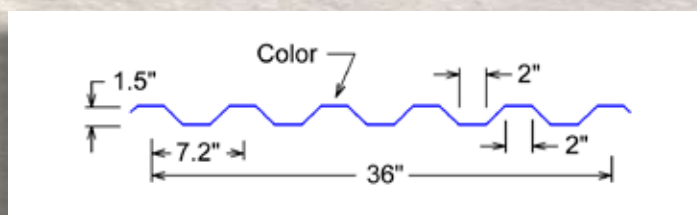
Steel: 18, 20, 22 and 24 ga.

Note: Standard design thickness for curved panels is 22 ga.

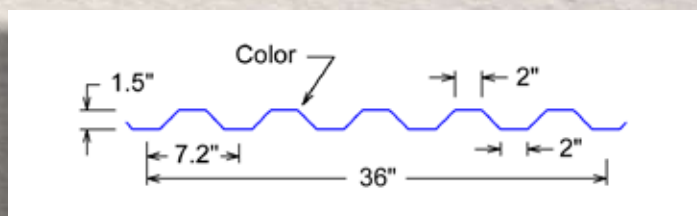


Mass Transit Canopy

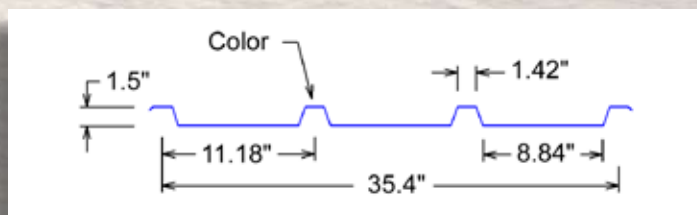
Floline 940 Panel



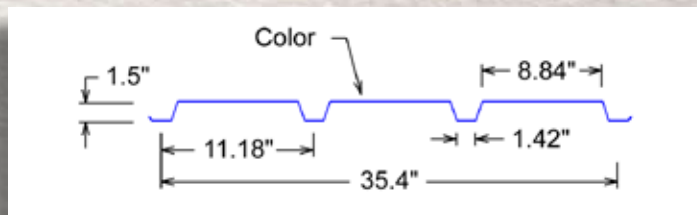
Floline 940R Panel



Floline 990 Panel



Floline 990R Panel



Radii

Minimum - 15" to 24"

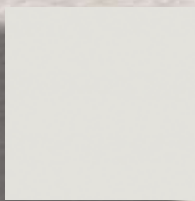
Note: Minimum radius depends on panel profile and material thickness



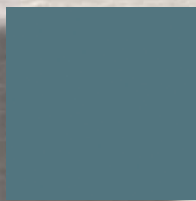
Panel Colors



Sand Beige



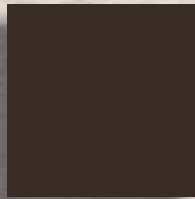
Polar White □



Roman Blue



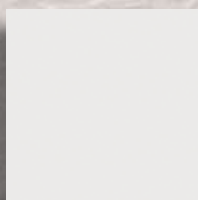
Ash Gray



Dark Bronze



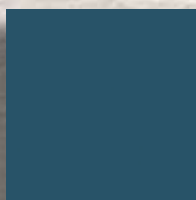
Charcoal



Regal White



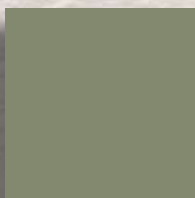
Light Stone



Regal Blue



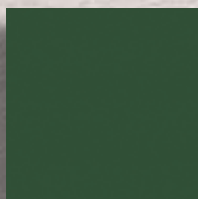
Fire Engine Red



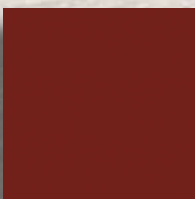
Patina Green



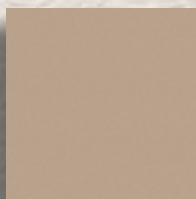
Sandstone



Evergreen



Colonial Red



Surrey Beige

□ Polar White is only available in siliconized polyester



Color Availability

CARRON AND COMPANY features a Kynar 500® coating as standard on all panels. Siliconized polyester finishes are also available. For additional information, please refer to our web site at www.carronandco.com.

Custom colors and finishes are also available.

Note: Inventory and color offering can change without notice.

WP-8 Panel

Stock Colors: Roman Blue, Sand Beige, Dark Bronze, Ash Gray and Polar White

Available Colors: Regal White, Surrey Beige, Light Stone, Charcoal, Patina Green, Fire Engine Red, Evergreen and Regal Blue

26 Gauge Steel Panels

Roman Blue, Surrey Beige, Dark Bronze, Ash Gray, Light Stone, Charcoal, Evergreen and Regal White

24 Gauge Steel Panels

Roman Blue, Surrey Beige, Dark Bronze, Ash Gray, Sandstone, Charcoal, Evergreen, Patina Green, Colonial Red, Fire Engine Red and Regal Blue