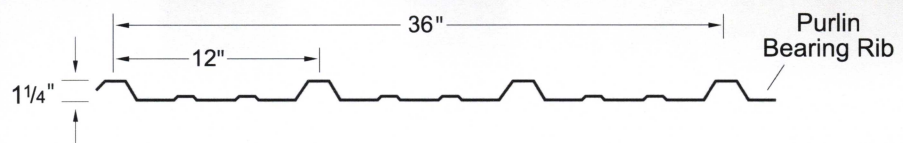


COMMERCIAL METAL ROOFING

SMART SPAN PANEL

The R-PANEL metal roofing panel is an industry leader in strength and durability. It performs exceptionally well on roof pitches as low as 1:12 and on spans up to 5'. Our 26 gauge steel R-PANEL has been engineered and designed with extra strong ribs (full 1-1/4" high major ribs, 1" wide at the top and over 3" wide at the base) which increases strength, ease of handling and installation, and leak resistance. The popular and versatile R-PANEL features a classic look and is used primarily for commercial, post-frame and steel frame building applications. For roof applications, the R-PANEL provides extra support at the lap. Sealant tape and stitch screws are required for improved leak resistance.



SIDEWALLS

SMART SPAN A-PANEL

For an architecturally attractive look, try the A-PANEL on your side walls and interior liner. A-PANELS are the same design as R-PANELS but the paint is on the reverse side. The panel is also installed in reverse. The R-PANELS and A-PANELS are all 38" wide and provide 36" of coverage. The major ribs are 12" on center with two oversized minor ribs between each major rib for extra strength.



YODER METAL

www.yodermetal.com
Haven, Kansas | 620-960-5981

FACTS

ABOUT METAL PANELS

The two primary components of any steel panel are substrate and coating system. Many combinations of substrate and coating are available. The quality and performance of these two components are critical to the longevity and performance of the panel.

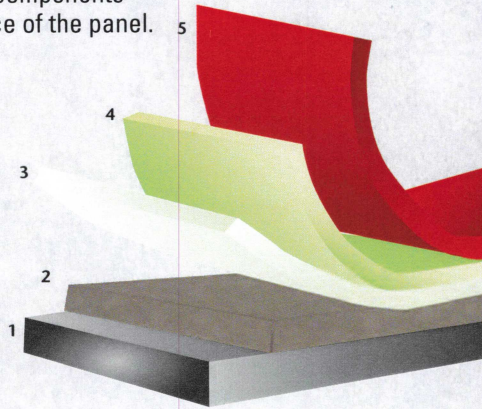
ABOUT COATINGS

The coating system, or paint, for metal panels is also an important consideration. The surface panel will constantly be exposed to environmental elements—ultraviolet sun rays, acid rain, dirt, etc. Over time, these environmental conditions will break down the coating, resulting in panel fade and chalk.

AVAILABLE IN 20 COLORS

PAINT PROCESS

1. Metal surface is cleaned with hot, heavy-duty alkaline cleanser.
2. The surface is chemically treated with zinc phosphates and chromates to enhance paint adhesion and improve corrosion resistance.
3. The final coat is a rich siliconized polyester paint finish providing durable surface color with a 40-year limited warranty and a variety of colors.



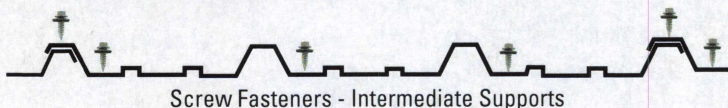
COATING PROCESS

1. Base metal core
2. Hot-dipped zinc aluminum coating
3. Complex pre-treatment solution
4. Polyester, pigmented primer
5. Finish coat-siliconized/ polyester

FASTENERS

RECOMMENDED FASTENER LOCATION

- At base eave, ridge and lap: 2" on each side of major ribs.
- At intermediate supports: 2" on one side of major ribs (as shown).



Screw Fasteners - Intermediate Supports

FASTENER SEAL



CORRECT

Sealing material slightly visible at edge of metal washer. Assembly is weathertight.



TOO LOOSE

Sealing material not visible. Not enough compression to seal properly.



TOO TIGHT

Sealing material extruded beyond edge of washer.

DURABLE

ECONOMICAL

EASY TO INSTALL

ENERGY EFFICIENT



ORDER TODAY

48 HOUR SERVICE

ON STOCK
COLORS

yodermetal.com