



Heavy Gauge Corrugated Frameless Panels

Available in Galvanized | Galvalume™ | Pre-coat | Stainless Steel | Factory Applied Custom Colours

BEHLEN
STEEL BUILDINGS

A STYLE TO MEET YOUR NEEDS

Available materials include Z275 Galvanized, AZ165 Galvalume™, Pre-painted Perspectra Series™ and factory applied thermo cured coating in a wide range of standard and custom colours. Stainless steel and aluminum panels are also available to suit corrosive environments and demanding architectural effects. BEHLEN Frameless panels offer a clean and modern appearance with heavy shadow lines for a wide range of applications.

BEHLEN panels offer unlimited application for shade and shelter requirements such as parking canopies, facades, connector links, covered walkways and livestock shades. Whether your requirements are industrial, commercial, architectural, or agricultural, the BEHLEN panel will meet the demands of the application.

4 1/2” CORRUGATION

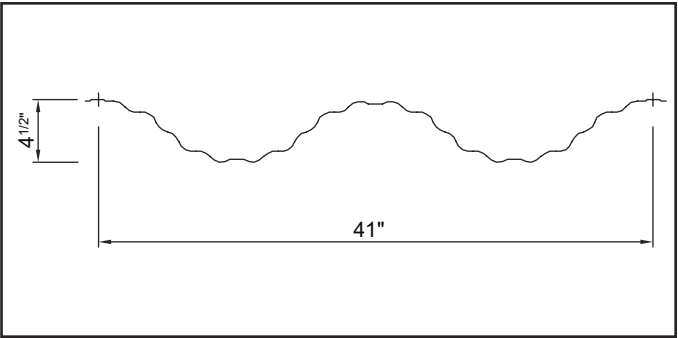
The Frameless Concept

First introduced in 1949, and subsequently modified and improved as part of a continuous assessment, the Frameless Panel remains unique in the building industry. Whether being considered for a structural or aesthetic function, the 4 1/2” and 7 1/2” corrugated panel offer unsurpassed strength and pleasing aesthetics.

The support strength of a BEHLEN corrugated panel can equal that of a steel girder of the same length and weight. The strength lies in our exclusive “compound” corrugation process which rolls sheet steel into 4 1/2” or 7 1/2” deep corrugations embedded with a series of smaller corrugations. These small corrugations enhance the strength achieved with normal corrugation.

Manufactured from Galvanized or Galvalume™ steel in thickness ranging from 24 gauge through 13 gauge, this panel has a multitude of applications including roof panels and load bearing and non-load bearing wall panels. Available with or without precision punched side and end lap splice holes, our Frameless Panels can be installed in virtually any configuration.

The heavy gauge allows added resistance to normal knocks and scrapes commonly associated with damages to more traditional roofing and siding products. If damage does occur to the panels, the ease of replacing individual panels speeds repairs and keeps costs to minimum.



7 1/2” CORRUGATION

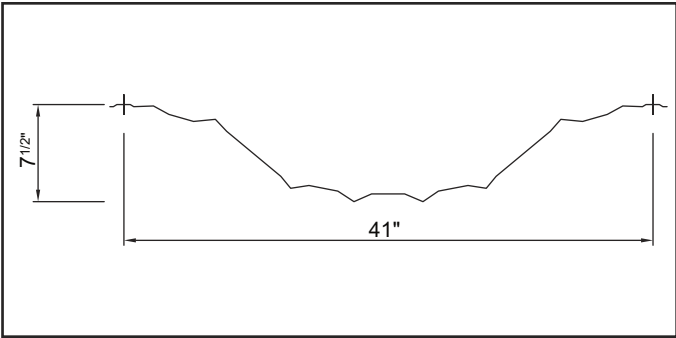
Low Maintenance

Maintenance costs for the BEHLEN Panel are minimal over a long life span. Corrosion resistant, galvanized or Galvalume™, colour-coated panels stand up admirably to wear and aging. The heavy gauge corrugated BEHLEN Panels resist dents and when used in roof surface applications can be walked on without danger of damage. BEHLEN panels assure you of years of dependable, maintenance-free service

The desire for uniform corporate identification or special architectural features often creates a demand for custom colours that are not normally available in other building products. BEHLEN Industries LP has developed a state-of-the-art coating facility that can match virtually any colour that your might imagine. You will not have to settle for inferior field applied paints any longer as our process offers the flexibility of colour choice with security of a top quality factory applied coating.

The system begins with Z275 zinc coated steel panels that are pre-treated to provide increased corrosion resistance and superior coating adhesion. The treated steel is coated with a flexible epoxy primer that further enhances the corrosion resistance and provides a stable base for the finish coat. The steel is then roll-formed and finished to exacting standards prior to the final coating process. Finished parts are processed through an automated cleaning system that removes all foreign materials, then are dried and pre-heated prior to coating. We then apply a modified silicone polyester coating with electrostatic airless equipment and bake the finish at 450 degrees Fahrenheit.

The result is a finished product that is very durable and that can resist weathering and abrasion for many years to come. In fact the performance of this product meets or exceeds many of the pre-painted materials that are available on the market today.





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