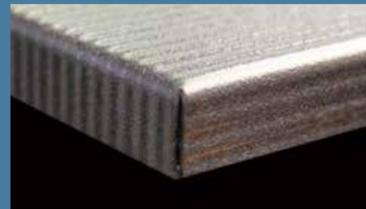


Corners

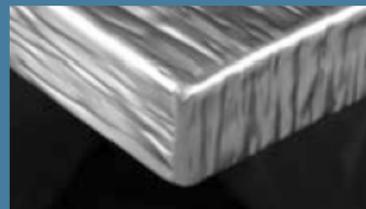
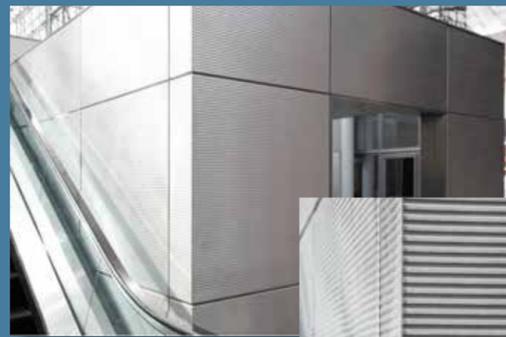
Panel Face and Corner Types

With certain patterns, texturing 20 gauge material can provide the same impact resistance of 16 gauge ordinary sheet metal. By reducing the gauge of the panel face material, savings are realized with both raw material cost and consumption.

Beautifully finished corners are the hallmark of a superior quality panel manufacturer. Corners exemplify the attention to detail and pride in architectural panel construction. Traditionally, two types of corners are available: open and welded.

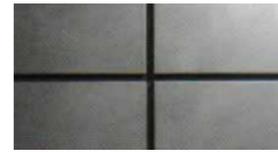


open



welded

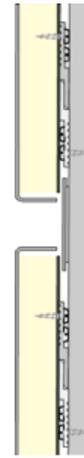
Attachment & Installation



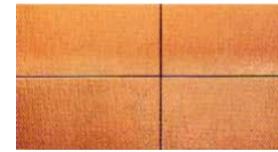
reveal

Reveal joints allow for the addition of complementary or contrasting elements between the panels. Wood veneers or colored stainless can be used to create a wide variety of effects.

The image of the panels (with reveal), above, are 304 stainless steel with non-directional polish.



section view



butt

Butt joining the panels utilizes the same attachment system without the need for a second material between the panels.

The image of the panels (butted), above, are bronze colored stainless steel with pattern 1CS.

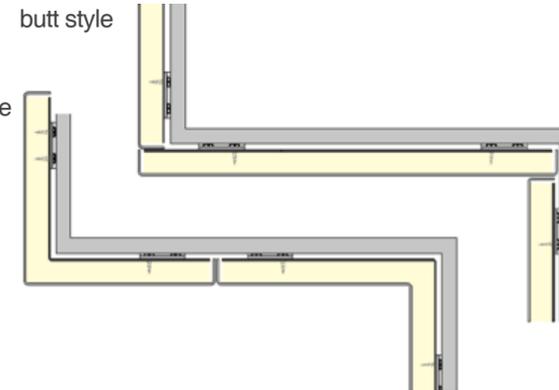


inside and outside corners

Corners can be detailed by overlapping panels or by fabricating panels "formed" with both inside and outside corners. Formed outside corners can be combined with butt inside corners to save cost and ease installation.

butt style

formed style



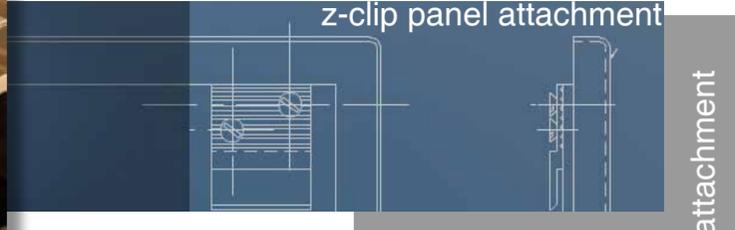
plan view

Z-clip Panel Attachment

Made from extruded aluminum, Z-Clips are the most popular choice of professional installers because they install in minutes. Z-Clips are available in a wide variety of widths and lengths. Simply attach the wall Z-Rail to wall surface and drop in the factory attached panel clip and panel assembly.



z-clip panel attachment



attachment



Rigidized® Metals' Complete Interior Panel System

Rigidized® Metals' Interior Panel Systems

Cores

honeycomb

The aluminum honeycomb is laminated with a fire-rated adhesive to provide an extremely strong, yet lightweight, panel. Core thicknesses are from 1/4" to 2".

Honeycomb Core

Textured Face Panel
Metal Backer Panel
Adhesive (green both sides)
Aluminum Honeycomb

solid

Solid cores include premium fire rated MDFB laminated with a fire-rated adhesive. Plywood and standard medium density fiberboard are also available. Panel thicknesses are from 1/2" to 2".

Solid Core

Textured Face Panel
Metal Backer Panel
Solid Substrate Core

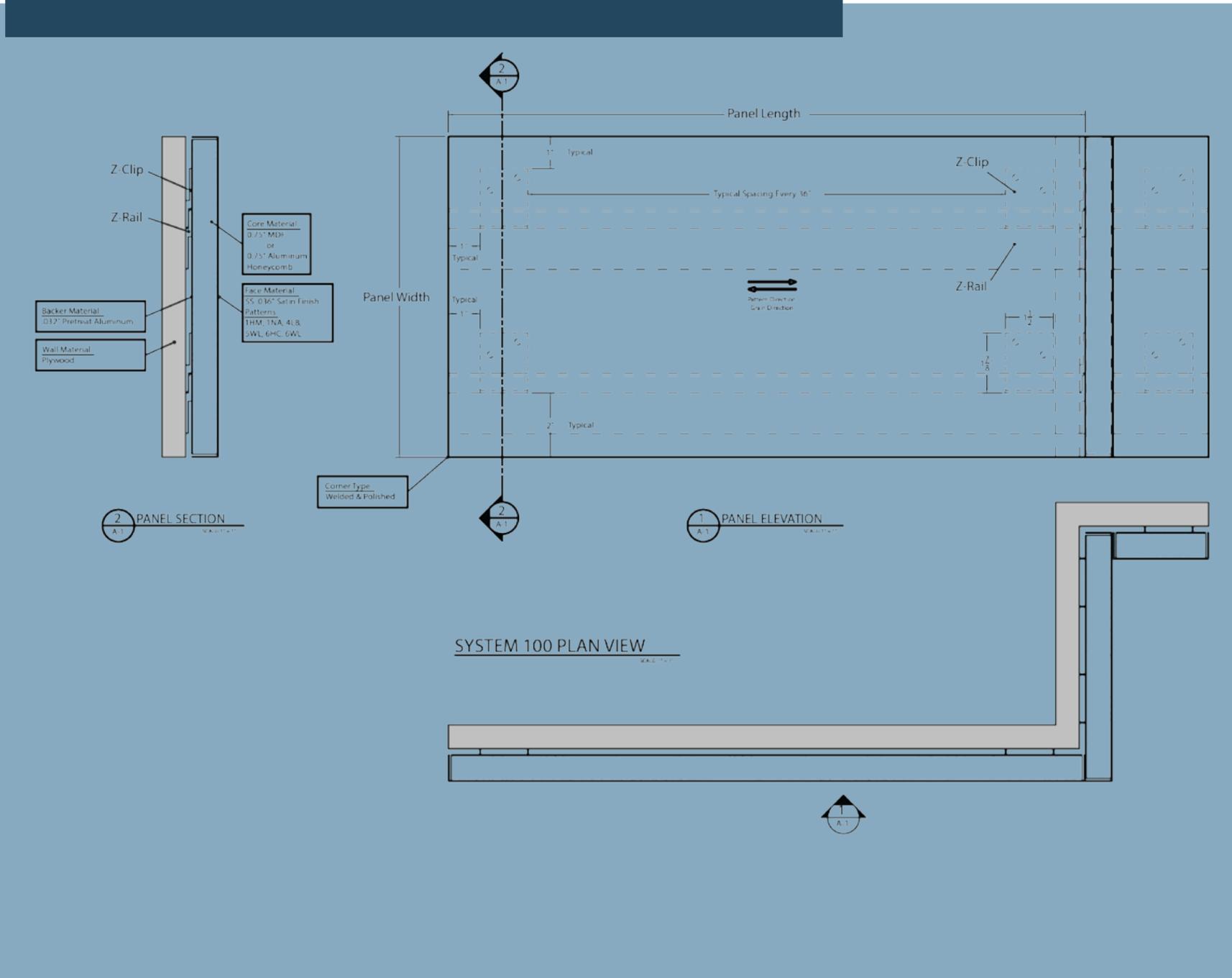
channel

Hat channels are metal elements that stiffen panels and provide mounting points for the attachment of Z-Clips. A feature of hat channels is the ability to create deeper panels (up to 2") without adding significant weight to the assembly.

Hat Channel

Textured Face Panel
Metal Channel
Typically Attached With Double Sided Tape and Silicone.
Metal Backer Panel

Typical Panel Plan View



Trim Strips and Corner Mouldings

Trim strips and corner mouldings complete the easy installation of backsplashes and wall cladding systems. They are made from corrosion resistant 430 stainless steel with a bright annealed finish. They are sold in 12, 8 and 4-foot pieces and are easily cut on the spot for simple installation.

