

Portland Ambulatory Surgery Center

Opened in early 2019, the 14-story center combines clinical care and research in one location designed to optimize patient choice and connectivity.

Project:	Portland Ambulatory Surgery Center, OR
Use:	Healthcare
Architect:	ZGF Architects, Portland, OR
Product:	41,000 ft ² Morin Z-12 Wall Panels
Certification:	LEED® Gold

Given the scale of the project and the designers' plan to incorporate panels in both one- and two-foot sections, the design team was looking for a panel with slightly more dynamism and movement. Designers had only to swivel around in their chairs and ask the on-site panel expert, Ric Olander from General Sheet Metal, if Morin would be open to creating a custom metal panel.



Program

Integrated Project Delivery (IPD) is often hailed as a collaborative process that increases project efficiency by bringing all stakeholders together early and often. On the project, the IPD process included a co-location office, with ZGF Architects working elbow-to-elbow with contractor Hoffman Construction, metal panel supplier and installer General Sheet Metal, and other project team members.

Idea & Inspiration

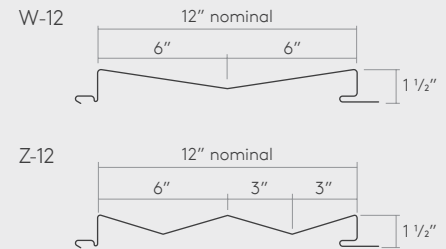
During the schematic design phase, the ZGF / Hoffman team was seeking a concealed fastener façade panel that could be both field-installed and glazed into the curtain wall, with a texture dynamic enough to interact well with the building's scale. After researching many metal panels, the team discovered Morin's W-12—a foot-wide panel with a single central fold, traditionally popular with both installers and designers due to its visual appeal, ease of installation and overall flexibility.

From Paper to Panel

That same day, Olander called Northwest Regional Sales Manager Bob Mohr and product vice president Scott Evans of Morin, to inquire if they could produce a 12" panel similar to the W-12 offering, but with an additional fold in the panel profile. Like the designers, Mohr and Evans too saw the potential of this design, and less than a week later Olander had mocked up a prototype panel.

At Morin, the panel quickly evolved from a paper sketch to final product, taking just two months to turn around the custom-roll forming tooling and begin panel production. The final panel retains attractive elements of W-12—dynamism, flexibility and ease of installation—but offers designers more options in terms of texture and reflection.

The new panel was named 'Z-12' in homage to both the W-12 panel that inspired the design and the ZGF designers that proposed the idea. The extra fold is estimated to provide twice the amount of faceted rigidity as the W-12 panel, creating a stronger product that still reflects light dynamically.



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