

TECHNICAL BULLETIN
Mitsubishi Plastics Composites America Inc.

5/8/2015

**ALPOLIC Perforated / Exposed Edge
Applications**

Exposed edge applications are defined as anytime the cut edge of the panel is visible and exposed to the elements. If an observer can see an edge consisting of the skin, core, skin component arrangement, it is an exposed edge application.

All exposed edge applications are subject to special conditions:

- 1) Specific finish pre-treatments must be used on the aluminum, requiring the exposed edge application to be identified at the time of order. The order will be considered a custom order.
- 2) The installed ALPOLIC exposed edge panel must be 1 mile or more from saltwater.
- 3) All fabrication requirements, such as, 2 mm minimum radii on bends, etc. apply.
- 4) All standard warranty conditions, such as, fresh water rinses, etc. apply.

The most common exposed edge application is perforating the ALPOLIC panel with a pattern of holes. All of the exposed edge conditions apply plus the additional conditions below:

- 5) Open area (the sum of all the perforations) cannot exceed 45% of the total panel area.
- 6) Holes must be no closer than 1 inch from the panel perimeter edge.

If all the above conditions are met, the ALPOLIC perforated / exposed edge panel is eligible for standard 10 year perforated / exposed edge finish and panel warranties.