



ALPOLIC®

TECHNICAL BULLETIN

ALPOLIC Perforated and Exposed Edge Applications

Exposed edge applications are defined as applications in which the cut edge of the panel is visible and exposed to the elements. If an observer can see an edge consisting of the metal skin, core, metal skin component arrangement, it is considered an exposed edge application. If the edges of the sheet are sealed or covered, then this would not be considered an exposed edge. An example would be installing a light fixture into a panel used in a soffit application. If the fixture covers the cut opening and is sealed, then this would not be considered as exposed edge.

All exposed edge applications are subject to special conditions:

- 1) Material to be used in exposed edge applications must be specified and documented when requesting a formal ALPOLIC warranty for the project.
- 2) The installed ALPOLIC exposed edge panel must be one (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 freshwater rinses, etc. apply.

The most common exposed edge application is perforating the ALPOLIC panel with a pattern of holes. All 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.

Michael Bowie
Manager, Technical Services