



## Guidelines

# Reynobond® 160FR Perforation Guidelines

Reynobond® 4mm FR Composite Material can be perforated to create unique designs that add pleasing aesthetics for your next big idea. Perforated Reynobond® FR Composite Material can be utilized in a number of applications including parking garages, partitions, or creative interior design elements.

Guidelines for perforating Reynobond® 4mm FR Composite Material:

- Sheets can be perforated using CNC routing or punch tooling
- 45% maximum panel open area for exterior and interior applications
- A minimum of 1 - 1/4" from edge of panel to first perforation edge must be maintained
- A minimum 3/8" spacing between perforations (edge to edge)
- Minimum 1/4" diameter circular perforations
- Minimum 5/16" (length or width) for square or rectangular perforations
- Sheets available in 1 or 2 sided finishes on demand
- Sheets with perforations not to be used within 1 mile of seacoast or industrial environments

Limitations:

In the event AAP warrants perforated Reynobond®, AAP is not responsible for unusable Reynobond® 4mm FR sheets due to defects generated during the perforation process, nor is AAP responsible for improper methods of perforation which may affect Reynobond® 4mm FR Composite Material, including bond integrity. Any warranty for perforated Reynobond® sheets will be issued on a case-by-case basis after review by Arconic Architectural Products technical department.

Brushed aluminum and anodized Reynobond® 4mm FR Composite Material are not recommended for perforation and no warranty will apply to perforation of these finishes.

Importantly, perforated Reynobond® 4mm FR sheets have not been tested, including NFPA 285 fire testing or otherwise. Perforated sheets are not to be used with any structural load application.

Disclaimer:

The owner, the architect, the general contractor, the installer and the fabricator/transformer, consistent with their roles, are responsible for choosing materials necessary to satisfy relevant building codes and/or regulations and otherwise design the wall assembly to protect building occupants and the building structure and surrounds from fire and other hazards arising from product misuse or improper installation. AAP is not responsible for damages incurred from use of these Perforation Guidelines.



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