



## Technical Bulletin

# NATURAL BRUSHED ALUMINIUM TECHNICAL BULLETIN

Reynobond® Natural Brushed Aluminum (NBA) composite material is an excellent, economical alternative to Stainless Steel when a “natural metal” look is desired. Some of the advantages are: easier machining, lighter weight and shorter production lead times.

Because the material is produced with only a clear protective finish in a single-pass application, the color of the natural metal is visible in the final product. Like all natural metals, the color of the aluminum substrate varies from ingot to ingot. This applies to coil in the same width or different widths, as different width coils are produced from different width ingots. In addition, the grain structure of the brush pattern creates directionality to the material properties and color. With these attributes in mind the following recommendations should be followed when ordering Reynobond NBA composite panels.

- Order one material width per project (50” or 62”) due to the natural color variation between coil widths.
- If different width materials are ordered, do not install these materials side by side.
- Do not install material produced from different ingot lots side by side.
- Panels should be erected in one direction.
- Special care should be taken when multiple ingot lots are required to complete a project.
- Because color variation is likely to occur when ordering additional panels, an overage of panels should be ordered in case of damage during fabrication or installation of panels.
- Clean any roll formers of debris and defects as such impurities can damage the coating.
- To ensure the highest degree of color consistency longer lead times may be required.

Samples are available upon request. Please call your sales manager or customer service representative at 800-841-7774 for more information and availability, or visit our website at [reynobond.com](http://reynobond.com) or [arconicarchitecturalproducts.com](http://arconicarchitecturalproducts.com).

### Disclaimer

Laws and building and safety codes governing the design and use of AAP's products, and specifically aluminum composite materials, vary widely. It is the responsibility of the owner, the architect, the general contractor, the installer and the fabricator/transformer, consistent with their roles, to determine the appropriate materials for a project in strict conformity to all applicable national, regional and local building codes and regulations. REYNOBOND® FR AND AS3000B HAVE SUCCESSFULLY PASSED US NFPA 285, E84 AND CANADA S134, S102 TESTS AS A PART OF AN ASSEMBLY. ENSURE THE PRODUCT IS USED IN A SYSTEM THAT COMPLIES WITH ALL APPLICABLE REGULATIONS. REYNOBOND® PE IS COMBUSTIBLE; IT COULD CATCH FIRE AND BURN. ANY LABORATORY TESTING INFORMATION PROVIDED BY AAP LLC APPLIES ONLY TO THE PARTICULAR PRODUCT OR ASSEMBLY TESTED AND DOES NOT NECESSARILY REPRESENT HOW PRODUCTS WILL ACTUALLY PERFORM IN USE. REPORTS AND TEST DATA CORRESPONDING TO A PARTICULAR TESTED PRODUCT SAMPLE OR ASSEMBLY ARE NOT A GUARANTEE THAT THE SAME PRODUCT OR ASSEMBLY WOULD ALWAYS ACHIEVE THE SAME TEST RESULT.

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