

ANODIZED REYNOBOND® PANELS MATERIALIZING VISIONS

Anodized Reynobond® composite material gives you the design freedom to create the most distinctive of façades, with a durable Class 1 anodized finish to stand the test of time. Through an electrochemical process, the architectural grade aluminum oxide layer is further strengthened by a decorative, corrosion-resistant finish.

Choose from a wide range of finishes for a polished natural look that accentuates the clean contemporary lines of your building.

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STRIKING LOOKS

Anodized Reynobond® provides all the benefits of traditional Reynobond® composite material. Shipped with a protective layer of heavy gauge film, the sheets are lightweight, easy to fabricate and have a great strength-to-weight ratio available in sizes up to 5'x20'. Architects and designers also value the unique, striking look of anodized finishes. The anodic layer integrates with aluminum to produce an anodized finish with superior surface hardness and abrasion resistance. Reviewed and listed with ICC-ES, Anodized Reynobond® is designed for interior or exterior commercial applications and can be installed with a typical ACM system.



Champagne



Light Gold



Clear Anodized



Electrolytic Black

Technical Engineering Properties



Engineering properties - U.S. & metric equivalent
Reynobond® composite material consist of a FR
(fire-retardant) core faced with two sheets of aluminum.

PROPERTY	UNITS	RB160FR - 4mm
THICKNESS	In mm	0.157 4.0
WEIGHT	lb/ft ² kg/m ²	1.53 7.5
MAXIMUM WIDTH	In mm	60 1.52
MAXIMUM LENGTH	In mm	243 6.17
ANODIZED FINISH	AAMA 611	Class 1
FINISH TOLERANCE	CMC	ΔE 5.0

All anodic finishes by Hoover Architectural Solutions meet the requirements of the Class I under AAMA 611 standards, and Aluminum Association AA-M10C22A41, AA-M10C22A43 and AA-M10C22A44 for anodized architectural aluminum. Please reference the Reynobond® Technical Data Sheet for mechanical and structural properties.

Anodized Reynobond® has been tested to USA standards, and reviewed and listed under the ICC-ES [\[ESR-3435\]](#).

Fabrication considerations

Anodized Reynobond® sheets are available in 4mm thickness in FR core with standard colors and in a width of 60". Anodic coatings are inorganic and unaffected by ultraviolet rays. The appearance of anodized finishes varies with lot of production. Due to the color variation typical in the anodizing process, the following considerations must be taken into account when ordering Anodized Reynobond® composite material:

- Sheets should be erected in one direction.
- There will be color variation between coils; please keep this in mind when more than one master coil is needed to complete a project.
- Because color variation is likely to occur when ordering additional sheets, an overage of products should be requested in case of damage during the fabrication or installation of panels.
- Be aware that panel crazing (the development of extremely thin lines in the anodic coating) can occur during the rolling, forming, or bending of the material.

The anodizing process creates an aluminum oxide layer integrated into the aluminum substrate. This anodic oxide layer will craze, when the material is rolled, bent, or formed. The amount of visible crazing will depend on the finish color as well as the stress placed on the anodic surface from bending. Darker finishes usually make crazing more noticeable.

Request a sample

Samples are available upon request. Please call your sales manager or customer service representative at 800-841-774 for stocking availability or visit our website at www.hooveras.com

Disclaimer

Laws and building and safety codes governing the design and use of Hoover Architectural Solutions, LLC'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 REYNODUAL® 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 HOOVER ARCHITECTURAL SOLUTIONS, 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.