Reynobond®

Hoover™ Architectural Solutions

TECHNICAL DATA SHEET

Reynobond® Aluminum Composite Materials 4mm FR



Hoover Reynobond®

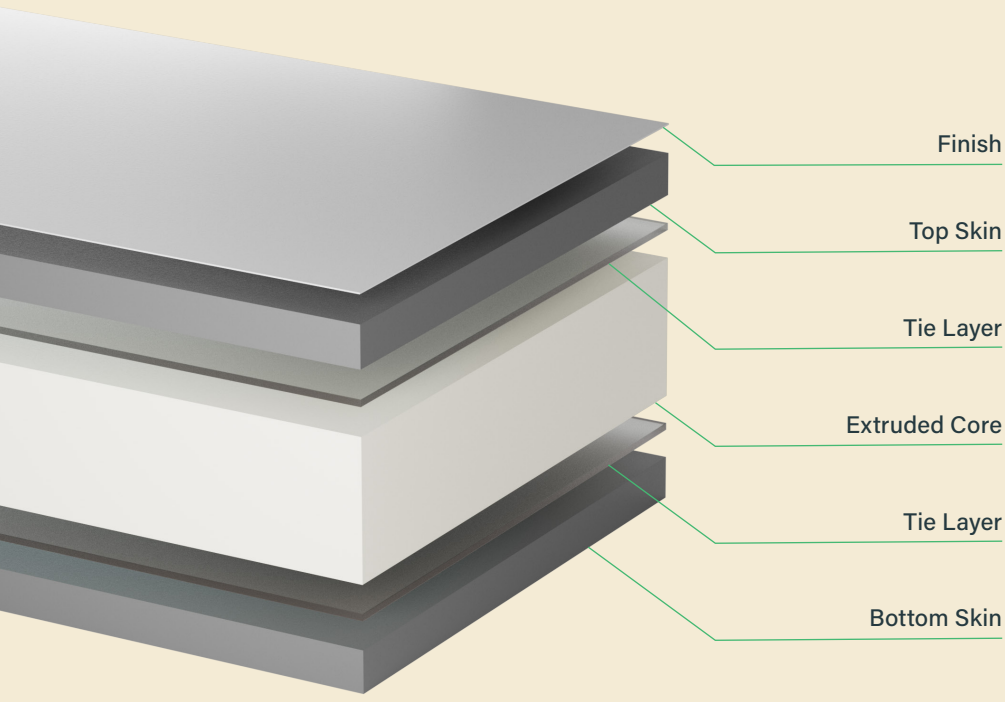
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Reynobond® 4mm FR (Fire-Retardant) Composite Material, RB160FR, consists of an extruded, 0.12"/3mm thick, polyethylene core loaded with mineral flame retardant and laminated between two aluminum skins. With nominally 0.020"/0.5mm thick skins, the sheets weigh a nominal 1.55lb/ft^2. The core and skins are bonded together using a thermally activated tie-layer in a continuous process at the Hoover Architectural Solutions, LLC (HAS) facility. The skins of painted Reynobond® Composite Material are composed of a 3000 series aluminum alloy. The top skin is usually coated with a 2 or 3 coat PVDF based finish. Polyester and FEVE coatings are also available. Consult with a local Reynobond® sales representative for standard color availability and custom color matching.







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STANDARD PANEL SIZE AND COLOR OPTIONS

Refer to the Reynobond® Stocking List at www.hooveras.com to review our finished goods stocking colors and sizes or you may contact a sales representative or customer service representative at our toll free number, 800-841-7774.

AVAILABLE WIDTHS

39.37" (1m) | 48" (1.2m) | 50" (1.3m) | 62" (1.6m)

AVAILABLE LENGTHS

48" (1.2m) - 243" (6.2m) | >243" (6.2m)*

**additional charges and extended lead times apply.*

PRODUCT PERFORMANCE

Please reference our engineering properties document at www.hooveras.com for a list of the product's performance to various standards and consult HAS's technical department for additional information. Reynobond® sheets come with a 10-year bond warranty and up to a 30 year paint-finish warranty for standard architectural finishes. Consult a HAS sales representative for applicable warranties for specific finish systems.

REYNOBOND® ALUMINUM COMPOSITE MATERIALS 4MM FR	
Width	-1/32" + 1/16"
Length	-0 + 1/4"
Panel Square	+ 1/8"
Panel Gauge	± 0.008"
Bow	+ 1/8"
Peel Strength (ASTM D1781)	> 22.5in-lb/in

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HOOVERAS.COM

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.

Slight variations in color, gloss and texture can occur between different paint production batches. Paint variations within a specific color, especially for mica and metallic colors, can and do occur that are visible to the human eye, but are within industry tolerances.

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