

Introducing
NuPLANK® Doors



A new approach to plank door construction combining the aesthetics of an aluminum plank door with the benefits of efficient design

NuPLANK® Aluminum Plank Doors

Better By Design

NuPlank® Doors take plank door aesthetics and performance to a whole new level. With an updated and simplified design, the NuPlank door offers reduced weight, improved appearance, robust construction, and the promise of greater durability even in hard-use applications.

Starting with a “blank page” approach, the aluminum plank-type door was re-envisioned and revamped both in its design and construction. Everything was re-examined. Material was added where it was needed, and removed where it was not. The result is a simpler design that requires less material, but still provides improved structural integrity. In fact, a 3' x 7' NuPlank Door weighs twenty percent less than the most popular plank door of the same size.





Enhanced Structural Features

- Simplified and optimized aluminum extrusion profiles to conserve material and reduce total door weight
- A minimum of three full-width $\frac{3}{8}$ " (9.5mm) diameter galvanized steel tie rods per door for durability
- Tighter clearances on tie rod through-holes in all tubes to increase resistance to door sagging
- Center tie rod secured in lock stile with rivet nut to eliminate access holes and unsightly, troublesome cover caps
- .125" thick top and bottom trim caps are secured by screws into splines inside the tubes to maintain plank alignment
- Lock stiles are .125" typical wall thickness
- Hinge stiles are .125" web wall thickness with .105" face wall thickness
- Intermediate tube face wall thickness is .105"
- Additional .125" thick closer reinforcement on both sides of door

Traditional Plank Door Aesthetics

For those who prefer the aesthetics of an all-aluminum plank-style door, **NuPlank®** Doors are an ideal choice. Every door is custom fabricated to order and can be specified in anodized finishes or any Kynar® paint color. Any hardware suitable for a 1 $\frac{3}{4}$ " thick door can be factory applied on the **NuPlank** Door.

NuPlank Door Features:

- Constructed of 1 $\frac{3}{4}$ " thick x 5" wide tubular aluminum stile extrusions with fluted face texture
- All extrusions are 6063-T5 aluminum alloy
- Lock stile tube is deep enough to accept mortise hardware
- Anodized finishes are Class I (0.7 mil) as standard
- Kynar® paint colors available to match any color preference
- Matching vision lite kits for $\frac{1}{4}$ " or 1" glazing
- Available in singles or pairs with a maximum door size of 80" x 240"

Specify NuPlank Doors for these applications:

Corrosive environments

- Aquatic centers
- Chemical plants
- Industrial facilities
- Water and wastewater treatment plants

Heavy traffic

- Schools and universities
- Commercial buildings
- Churches

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Vision Lite and Louver Options

Vision Lites and Louvers are available to complement the NuPlank® Door, and can be specified in any anodized or painted finish.

Vision Lites

Rectangular vision lites are available in 5" width increments only and must be at least 8" from top edge and 4" from bottom door edge. Vision lite kits are screw-applied and may be specified with either ¼" tempered or 1" insulated glass.

Louvers

Louver units utilize an inverted "Y"-type fixed vane. For added security and aesthetics, vanes are secured by rivets around the outside of the frame, inaccessible and hidden from view. Louvers installed in doors are subject to the size and position guidelines that apply to vision lites. Insect screens are also available.

10-Year Warranty

NuPlank Doors are warranted for a full 10 years. Contact a sales representative for full warranty details.

Manufactured and Supported by Special-Lite, Inc.

After many requests from architects, end users, and customers to produce an all-aluminum plank-style door manufactured and supported by SpecialLite, we created NuPlank Doors. By taking a fresh approach to plank door design, we can offer an engineered solution with the level of support our customers expect.

Represented in your area by:

NuPLANK®

Aluminum Plank Doors

Special-Lite, Inc.

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