



AlumaBond – 12mil Conformable Aluminum Film

Printable White Face with Silver back. Indoor or Outdoor Slip-resist Pavement, Floor or Wall Digital Decal Material. Conforms to textured surfaces.

Key Features & Benefits

- RoHS Directive 2011/65EU and ANSI/NFSI B101 Slip Resistant.
- Product construction: Direct Print 12mil (w/Adhesive) conforming white-face self-adhesive film
- 12mil Robust Aluminum Foil, PVC-Free. **No over-lamination required.**
- Adhesive: 3mil High-Tac solvent/acrylic. (Thickness variation +/- 10%) Final tack 24 hours.
- Print Surface: White Semi-Matte, Slip-resistant Sand embossing.
- Total Caliper including adhesive 12-13 mil.
- Roll Put-up: 37.8" and 54" Wide X 32' and 98' Length.
- Release liner 90lb Single PE Coated Paper.
- Compatibility: Use with Mild & Eco Solvent, Latex printers & UVC.

HANDLE WITH CARE.

Handle rolls with care, do not drop on end. Store in original packaging horizontal with end caps. Calibrate Proper feeding through printer Use a take up roll with tension and vacuum to keep material flat during printing. Cut-to-shape traditional friction feed plotters blades generally will NOT work. Routing table, guillotine, steel rule die cut. 60° with carbine tip blades may be required (Pretest may be required). The product may have a slight odor, this is normal. Try not to compromise the natural curl direction; meaning do not flex or invert the material before printing since product is comfortable and will retain a given shape. Avoid touching print surface or introducing dust and dirt on to print face. This can cause anomalies and artifacts when printed.

Applications: Apply to Various sealed and unsealed surfaces both indoor and outdoor. Such as; Concrete, Brick, Cinderblock. Asphalt, Pavement, Tile, Marble, Vinyl, Wood, Walls, Stairs, Floors, Ground and other surfaces. Product construction is designed for easy mounting onto only clean & dry surfaces. Minimum install temperature surface 50 degrees F. Unprinted 1" edge and rounded corners will be less prone to lifting. Not intended for vehicles to drive on. A pretest is required especially for uncommon surfaces or sensitive applications.

Installation: Make sure surface is clean and dry. Work product with the adhesive exposed onto receiving surface with particular attention to low points. Use Very Soft Roller or another appropriate applicator. When necessary lightly Clean with mild soap and water remembering the inks are exposed. Avoid allowing water to get under rough surface application.

Longevity: Quality of application surface, elements and unusual traffic could affect longevity. NO Lamination leaves the Inks somewhat exposed for possible abrasion. Using a liquid overcoating could add some protection. See general guidelines below for Mid-country USA:

- Textured and exposed surface = 1 month - 1 year
- Partially protected semi-smooth surface= 3 months -1 year
- Sealed, Protected smooth surface = 6 month – 1 year.

Load: Since material is conformable, if flexed, it will retain that shape. Use edge clips when available. Also, it may be necessary to customize loading procedure and feed parameters such as:

- For Latex use "manual assist load".
- Advance material to over the Front edge of Printers Platen before printing.
- It may be required to custom calibrate printers setting to optimize material transport, such as;
 - Vacuum, Heat settings, Pinch rolls, Media Feed, Head Height and Color Management.

Printing: Suggested Media Setting; Universal Self-Adhesive Vinyl. Make sure that ink is dry when it reaches the take-up reel. An external dryer, fan may accelerate drying. As product is printing try not to compromise the material natural arc, such as, reverse winding on the take-up reel. Always wind and ship Print-Side-Out.