

Durapro AluFoil Floor / 280 μ

DURAFGM

Durapro AluFoil Floor Media is a printable aluminium foil based pressure sensitive film ideal for short to medium-term floor graphics. It sticks to a wide variety of surfaces including sealed and unsealed concrete, asphalt, brick pavers, tile and vinyl flooring with no over laminate required. The anti-slip and anti-scratch finish provides excellent durability and safety. The film is easy to apply and is easily removed making it ideal for exhibitions, POS, retail promotional applications. Recommended for indoor and outdoor applications onto flat or textured surfaces.

Features

- ▶ Easy to apply & remove
- ▶ No laminate required
- ▶ Anti-slip & anti-scratch
- ▶ Minimal shrinkage and no memory due to the properties of the aluminium
- ▶ PVC free
- ▶ Durable, weather resistant
- ▶ Easy to clean with soapy water and a soft brush

Applications

- ▶ Especially designed for rough surfaces such as brick, concrete, asphalt, paved stone and other low surface energy surfaces
- ▶ Exhibitions, POS, retail promotions, tradeshow, sports events, museums, parking, petrol stations, drive through

Specifications

Film	Materials	Aluminium foil
	Coating	Poly resin & powder
	Thickness	280 \pm 10 μ m
Adhesive	Type	Hi-Tac acrylic solvent
	Thickness	65 μ m
Liner	Type	Double PE coated paper
	Weight	120 gsm
Storage Condition	Temperature	+15°C - +24°C
	Humidity	40% - 65%
CSIRO Slip Rating		R12
Durability		3-6 months (depends on the applied surfaces and traffic)

Production Recommendations

Handling Suggestions

- ▶ Handle rolls with care, do not drop on end.
- ▶ Do not store on end, store laying flat with rolls elevated, do not set flat on table.
- ▶ Dents can typically be rolled out.
- ▶ On flatbed printers use the vacuum system and flatten any wrinkles or raised areas to be flush with the table bed.

Loading Suggestions

- ▶ Do not use Auto Load. Select Manual Load.
- ▶ Select vacuum for poster board or low vacuum setting.
- ▶ Use take-up roll with tension to keep material flat and smooth.
- ▶ On some printers, a leader piece of material (vinyl) long enough to go through the load process and attached to take up roll can be taped to the AluFoil media, then advance the take-up roll to create tension and pull material smooth and flat.
- ▶ Important to use edge guards. Edge guards can be taped to the platen so it does not move.
- ▶ On some solvent models, set the head on high before loading. Load the media pulling enough through so that it hangs out the front a bit, and use the edge guards.

Cutting Suggestions

- ▶ Plotter (use 60 degree, carbide or titanium blades when available).
- ▶ Die cut.
- ▶ Guillotine.
- ▶ Manually with scissors.

Installation Instructions

Surface Preparation

- ▶ The surface must be clean and thoroughly dry for proper performance.
- ▶ Usually, thorough sweeping is sufficient, but if the surface is oily, it may need to be power washed with a commercial degreaser
- ▶ Avoid applying over loose or caked dirt, gravel, oily residues, flaking paint or other foreign substances that will interfere with proper bonding.

Standard Application

- ▶ Always use rollers rather than a squeegee.
- ▶ Recommended surface temperature should be 0 degrees Celsius or higher.
- ▶ Sweep dry surface clean of dirt & debris.
- ▶ Peel off the backing paper (release liner) from the pressure sensitive adhesive.
- ▶ Lay down flat on the selected location.
- ▶ Smooth by hand from the centre to outer edge, be sure all edges lay flat.
- ▶ Firmly compress to surface, especially all edges by stepping on or by roller.
- ▶ Large scale graphics should be tiled edge to edge with no overlapping.
- ▶ In rare occasions when adhesion is difficult such as on surfaces with VOC coatings or residue, clean with a mixture of 50/50 to 70/30 percent isopropyl alcohol (IPA) + water, then wipe with a clean cloth. In some cases, a second cleaning is helpful.

Large Scale Graphics Suggestions

- ▶ When producing large scale graphics, pieces should be tiled edge to edge with no overlapping of panels.
- ▶ When planning the layout of the panels with text or detailed designs, it is recommended to place the cut lines in between letters / words as well as not within detailed designs.
- ▶ Also, maximising the material with edge to edge printing can provide better material yield and save time and cost.

Maintenance & Removal Instructions

Routine Maintenance

- ▶ Wet the graphic with water and sweep with a broom; avoid harsh cleaning chemicals to extend the product life.
- ▶ Can withstand limited power washing, intense and close-up power washing can cause the edges to come loose or damage the graphics.
- ▶ To avoid risk of trip hazard injury, immediately remove graphics if any edge of the graphic lifts and replace with a new graphic.

Removal Instructions

- ▶ Generally easy to remove on wall and pedestrian walkway applications; rough surfaces and/or vehicular traffic may increase the difficulty in removal.
- ▶ Simply peel off at an angle less than 45 degrees for best result; typically leaves no residue.
- ▶ Use power washer at a low angle to remove well-worn graphics.
- ▶ Severely worn-in graphics on rough textured surfaces may require combination of scrubbing with wire bristle brush and rinsing from hose or power washing.
- ▶ If there is adhesive residue; remove with cleaning solvents, mineral spirits or in some cases burn with gas flame.
- ▶ **Important: graphics placed on asphalt or other rough surfaces in locations where heavy vehicle traffic is present could be difficult to remove.**