

# MAGIC® PRODUCT APPLICATIONS GUIDE

## DMFGOC & DMFGOT



### FLOOR GRAPHIC OVERLAMINATES

**MAGIC® DMFGOC & DMFGOT** are matching pressure-sensitive overlaminates to the Magic® DMFGV5 floor graphic vinyl. There are two finishing options. DMFGOC is a 4 mil clear overlaminate. DMFGOT is a 6.4 mil textured overlaminate. Both overlaminates meet industry safety standards for non-slip performance (ASTM D 2047 and ASTM E 303).

### PHYSICAL PROPERTIES

#### DMFGOC - Clear Overlaminate

Caliper	4.0 mils
Peel Adhesion (steel)	47 oz/in
Dimensionally	0.75% MD, 0.50 TD
Stability	
Gloss (60°)	93.5
Minimum Application Temp.	50°F (10°C)

#### DMFGOT - Textured Overlaminate

Caliper	6.4 mils
Peel Adhesion (steel)	47 oz/in
Dimensionally	0.75% MD, 0.50 TD
Stability	
Gloss (60°)	12.0
Minimum Application Temp.	50°F (10°C)

### APPLICATIONS GUIDELINES

**Indoor Use:** The floor graphic vinyl (DMFGV5) and overlaminate products are recommended for indoor applications only.

**Water Resistance:** Overlaminating will not give complete water resistance unless the material is completely sealed to a non-porous surface or encapsulated. Follow the floor graphic application instructions on the DMFGV5 Application Guide. It is not recommended to use an edge sealer because it will make removal more difficult. Edge sealers are used in permanent applications. If water migrates under the laminate, ink bleeding can occur if dye-based inks are used (pigment inks are recommended) or if the ink saturation level is exceeded (250%). Let image completely dry prior to laminating.

**Material Handling:** Unused laminate material should be placed in its original packaging and stored at 70°F (21°C) for no more than 1 year to obtain maximum adhesion.

### FINISHING RECOMMENDATIONS

**Surface Protection:** Always ensure that the graphic is completely dry prior to overlaminating. If inks are not dry before lamination, the adhesion of the laminate can be adversely be affected; outgassing of inks may occur, causing bubbles to form under the laminate.

**Recommended Application Surface:** Magic® DMFGOC and DMFGOT overlaminates are specifically designed to be used with Magic® DMFGV5 in floor graphic applications.

**Laminating:** Laminating gives added protection from dirt, abrasion, and light fade. If too much tension is applied during lamination, the product may curl toward the laminated side, and the edges may lift from the release liner and/or the application surface.

**Transport:** It is not recommended to roll laminated graphics into a tube smaller than 6" in diameter. Always roll the laminated graphics with the graphic facing outward. Rolling of graphics can stress the lamination bond and cause delamination. Release liner may slightly tunnel during transport. As long as the graphic is applied within 48 hours of transport, adhesion will not be adversely affected.

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