


TECHNICAL DATA SHEET

	TDS No:	067	Issue No:	1
	Issue Date:	02/07/15		
	Revision Date:	02/07/16		
	Page No:	1 of 3		
PRODUCT	G-Floor® Graphic Media			

Description

G-Floor Graphic provides a simple and solution to a major problem in bespoke graphic flooring or matting. Traditionally, the majority of display media are created by printing direct to substrate then covering the image with a thin layer of clear protective. However, this thin layer is not sufficient to stand the rigors of high footfall traffic and the image quickly becomes scratched, ultimately damaged and in need of replacement.

G-Floor Graphic provides the answer, being an extruded clear and flexible pure PVC product that can be reverse printed, it provides the ultimate in image protection and durability with the thickest and widest wear layer in the industry.

G-Floor Graphic is a clear, flexible pure PVC extruded product, available in widths of 1.524m and 3.048m in 1.9mm semi-rigid grade and in 1.372m flexible grade 0.9mm thicknesses that can be printed flatbed, hybrid or roll-to-roll with both UV and solvent inks.

G-Floor Absolute White is a ‘wood-grain’ finish specifically designed as a first surface print product for those without white-base print capabilities. The anti-chalking, all weather formulation can be applied to virtually any floor. It is excellent for projects such as short and medium term floor graphics where excellent print adhesion is required from a top print where an optional lacquer coat can increase surface resistance properties or even used stand alone without print.

Applications	Features & Benefits
<ul style="list-style-type: none"> • Bespoke branded floor matting • Exhibitions or special events • Visitor attractions and wayfinding • Architectural graphics • Reception areas • Refectory areas • Showroom or retail flooring • Stage, Dance or theatre floors • Stadia or arena, sporting events • Garage floors • Entrances and vestibules • Factory and warehouse • Elevator & Escalator Entries 	<ul style="list-style-type: none"> • Completely customised floors • Brand marketing • Ideal for heavy footfall traffic • Indoor and outdoor use • Print direct-to-surface with no over-laminate required • 0.9 to 1.9mm wear layer • Proven durability for long term and short term use that withstands heavy pedestrian traffic • Slip or skid resistant • Compatible with UV, Solvent, Eco-Solvent & Latex printers • 1.9mm wear-layer • Repositionable & re-usable • No adhesives required • Slip and tear resistant • Stain & chemical resistant • Easy to clean

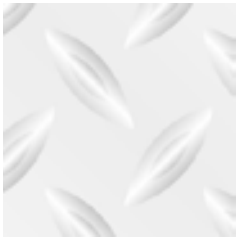
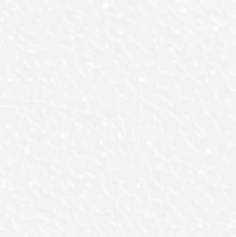
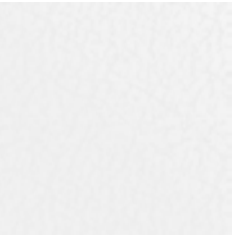

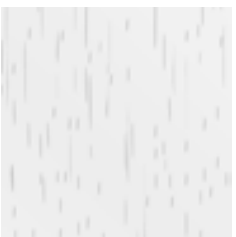
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bonding people fixing problems INNOVA solutions	TDS No:	067	Issue No:	1
	Issue Date:		02/07/15	
	Revision Date:		02/07/16	
	Page No:		2 of 3	
PRODUCT	G-Floor® Graphic Media			


Patterns

Design		Description
Diamond Tread		1.90mm CLEAR with 'diamond plate' tread pattern approx.0.75mm in relief. Offers a gloss surface and resembles that of a standard diamond plate pattern. The 'diamonds' are 29mm in length and 16mm in width with a 0.75mm relief. They are spaced 29mm apart and aligned diagonally in a 180° alternating rotation. Diamond Tread is a surface pattern that offers a rugged or industrial appearance.
Ceramic		1.90mm CLEAR variegated pattern resembling orange peel. Offers a mostly smooth, gloss surface with a variegated texture with shallow valleys. Ceramic is a great surface pattern for most POP and general flooring applications
Levant		1.90mm CLEAR variegated pattern resembling 'orange peel'. Offers a semi-smooth matte surface. It has a variegated texture with shallow valleys and abrupt edges resembling the surface characteristics of leather. Levant is the perfect surface pattern for anti-glare, photography and filming applications.
Coin		1.90mm CLEAR with 'coin' disc pattern in 0.5mm relief. Offers a gloss surface and resembles that of a standard coin pattern. It consists of 18mm diameter circles spaced 3mm apart, with a 0.5mm relief, aligned in symmetrical columns and rows. Coin is a surface pattern that offers the feel of traditional flooring.
Wood Grain		0.90mm ULTRA CLEAR, 1.90mm CLEAR and 1.9mm ABSOLUTE WHITE with 'woodgrain' pattern. Offers a gloss surface and resembles the appearance and pitted texture of finely grained wood. It consists of random, vertical counter-reliefs across a smooth plane. Wood Grain is a surface pattern that offers a natural wood appearance for all wood images.

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	Revision Date:		02/07/16	
	Page No:		3 of 3	
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Printing

- Digital or Screen
- UV Curing = best print & color quality plus longevity
- Latex (new models) = great imprint and cost efficient
- Solvent = lighter color saturation, less vibrant imprint, and good short term

Specifications

Property	Parameter
Thicknesses	0.90mm (CLEAR ULTRA) and 1.90mm (CLEAR TEXTURES & ABSOLUTE WHITE)
Roll widths	1.524m, 3.048m (1.372m in 0.90mm CLEAR ULTRA)
Roll lengths	7.62m, 15.25m (CLEAR TEXTURES & CLEAR ULTRA) & 18.50m (ABSOLUTE WHITE)
Service & Application temperature	-10°C to 80 ⁰ C (shock cracking can occur below -10°C)
Storage temperature	10 - 32°C
Printing temperature	18 - 45°C (relaxes more readily at room temp prior to print) <ul style="list-style-type: none"> • Digi - UV or solvent (max 80°C – excess heat can cause cupping) • Screen - UV or solvent (max 100°C)

Test Data

Property	Specification	Test Method (ASTM)
Specific Gravity	1.3 (+/- 0.02)	D-792
Shore Hardness (A)	95.4 (+/- 3)	D-2240
Tensile (psi)	2613	D-412
Elongation (%)	210%	D-412
100% Modulus (psi)	2034	D-412
Brittle Point, °C	-15°C	D-746
Surface Flammability	>3	D-2859
Abrasion Resistance	0.10 Loss	D-3389
Coefficient of Friction	1.04 Dry:0.94 Wet	C-1028

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