

G-Floor Wood Grain Absolute White 75-mil is a solid white product with a Wood Grain texture. This product has excellent print adhesion and allows for short-term and medium-term floor graphics with first surface printing. As the only product in the G-Floor line built for first surface printing, images can be printed directly onto the face of the material. Although, the image could potentially be scratched, it has proven to have a very durable ink bond. Testing of this product has shown that abrasions have to get into the white material in order to effect the ink. A top coat is suggested for additional durability. The product is great stand alone with or without a print.

## APPLICATIONS

- \* Retail / POP
- \* Sports Arenas
- \* Movie Theaters
- \* Ad Specialty Industry
- \* Trade Shows
- \* Locker Rooms
- \* Show Rooms
- \* Stand Alone Flooring
- \* Convention Centers
- \* Bar/Restaurants
- \* Counter Mats
- \* Dura-Mats

Stand alone or backed with adhesives.

\*WATER: this material will also sink in water; which allows graphics to be used for display purposes in fountains, coin ponds, pools, etc.. The adhesion has passed a cross hatch tape test immediately following the removal from water after soaking for 30-days

## OPTIMUM PRINT TEMPERATURE RANGE:

65 to 110 degrees F

**Printers Note:** Cooler temperatures can slow the recovery rate for the material to lay flat resulting in a “wavy” material lay down. Slightly warming the material will quickly bring it to a relaxed state for optimum printing characteristics. For the best results let material acclimate to room temperature prior to printing.

## MATERIAL THICKNESS

0.075” base thickness

## PRINT OPTIONS

G-Floor Wood Grain Absolute White 75mil is designed for Digital and Screen Printing processes. Other processes may work after customer testing.

G-Floor Wood Grain Absolute White 75mil is built for first surface printing. First surface printing is digitally or screen-printing to the face/top/textured side of the material.

**Digital Printing:** Flatbed and Roll to Roll printers that can print material thicker than 0.060” with solvent or UV inks are compatible with this media. For ink curing, it is recommended that the heat does not exceed 180 degrees F. Excessive heat from UV curing systems can cause a cupping effect on the material. Increasing the speed of the print carriage and/or decreasing number of passes will resolve excessive heat related issues.

**Screen Printing:** For both solvent and UV inks that approved for vinyl substrates, it is recommended that a heat no more than 225 degrees F is used to cure the inks. For the best results, cure the ink at highest speed possible through the curing units.

**Caution:** Material can be damaged with excessive heat from curing or excessive bed temperature.

**WEATHERING / DURABILITY**

G-Floor has a 5-year durability. The durability of the image is ink related as to manufacturing specs and Ultraflex offers no warranties on custom imaging. The user must determine if the outdoor durability of the media and ink is suitable for their end use. Extended exposure to water may cause temporary material clouding, but the material will return to clear once it is dry.

**TOP COAT CLEAR PROTECTOR**

When extended graphic life is desired or the product will be used in high traffic areas, the addition of a water based clear top coat can be applied. Ultraflex offers a top coat by special order only. The top coat is fast-drying and maintains full flexibility when rolled. It can be applied with a common paint roller and is safe to walk on 4-6 hours after application. It can be rolled up within 8 hours of application for shipment. The clear coat is packaged in quarts and gallons. The clear coat can cover approximately 400 sq/ft per gallon. Gloss, satin and matte finishes are available for the top coat. C.O.F. with Clear Coat applied: Dry 0.90; Wet 0.95

**FINISHING**

Flatbed finishing equipment with reciprocating knives is recommended. The use of excessive heat from routing may cause the material to produce an undesirable edge. Routing is not recommended for use with G-Floor, but Cold Steel Rule Die Cutting is approved.

**TESTING DATA**

Typical Properties Clear (.075")	ASTM Method	
Specific Gravity. (+/-0.02)	1.30	D-792
Hardness, Shore A (+/-3)	95.4	D-2240
Tensile, PSI	2613	D-412
Elongation, %	210%	D-412
100% Modulus, PSI	2034	D-412
Brittle Point, C	-15	D-746
Surface Flammability	>3	D-2859
Abrasion Resistance	0.10 Loss	D-3389
Coefficient of Friction	1.04 Dry	C-1028
	0.94 Wet	C-1028

**MATERIAL SIZES AND WEIGHTS**

5' x 10' Sheet	25 lbs.
10' x 61' Roll	290 lbs.



Front-lit ▲ Back-lit ▲ Blockout ▲ Flooring ▲ Mesh ▲ Textiles ▲ Specialty ▲

All statements, technical information and recommendations about Ultraflex products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Ultraflex products are sold with the understanding that the purchaser has independently assumed responsibility in determining the suitability of such product for its purposes.

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