Prime 75WG - CLEAR

POLYVINYL PRINT MEDIA

G-Floor Graphic® Woodgrain™ is a one-of-a-kind product designed as a grand-format print media suitable for a wide range of permanent and free floating applications. Specifically designed for all types of printers both solvent and UV curable, it is best suited for second surface printing and offers the most durable material wear layer in the industry.

Product Information

Surface Texture: Woodgrain™

Color: Clear

Overall Thickness: 75mil (0.075”)

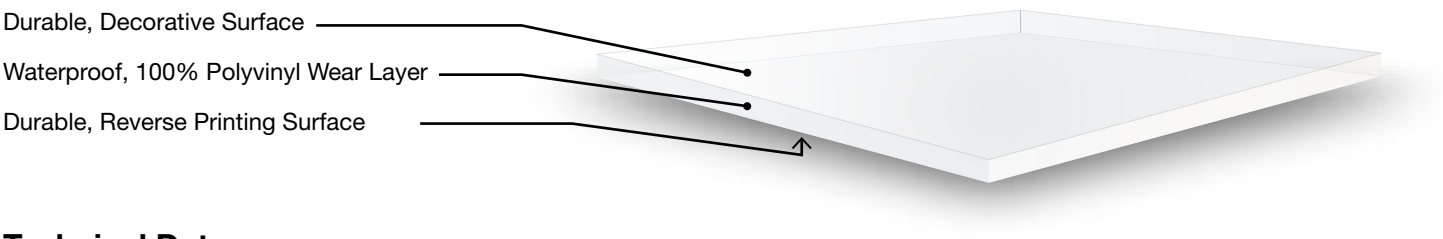
Roll Size: 5’ x 61’, 10’ x 61’

Weight: 8 oz/sq ft

Finish: Satin Top Coat

Warranty: BILD® offers a 3-year limited warranty. See warranty for more details.

Product Composition



Technical Data

Tensile Strength | ASTM D412	Pass | > 800 PSI
Flame Spread | FMVSS 302	Pass | Did not Ignite / Self Extinguishing
Surface Flammability | D2859	Pass
Abrasion Resistance | ASTM D2240	Pass | Weight loss after 1,000g = 0.06g Weight loss after 5,000g = 0.013g
Coefficient of Friction | ASTM C1028	Pass | Dry - 0.95 Wet - 0.94
Slip Resistance | B101.3	Pass
Hardness | ASTM D2240	Pass | 90+_ 5 Shore A
Critical Radiant Flux | ASTM E648	Pass | 0.5 Watts/cm²
Static Load | ASTM F970	Pass | 1000 psi
Residual Indentation | ASTM F1914	Pass | 250 psi 0.006”
Chemical Resistance | ASTM F925	Pass | After 24 Hours, little to no change (Chemicals Tested: ammonia, bleach, inks & markers, crayons, black scuff marks, gum, rock salt, synthetic snow melt, acetic acid, was stripper)

Environmental Considerations

Material Temperature Range for application settings: -15 to 160 degrees F. Material remains pliable in cold conditions. May shock fracture in cold environment.

Material Acclimation/Optimum Print Temperature Range

All material must be unpackaged and acclimated in the print environment for 24 hours before printing. All remaining material should be rolled tight on the original core and placed back in the original tube. Better Life Technology® is not responsible for material stored improperly or material that has not properly acclimated.

Printers Note: Cooler temperatures can slow the recovery rate for the material to lay flat, resulting in a "wavy" material when laid down. Warming material will quickly bring it to a relaxed state for optimum printing. For best results, let the material acclimate to room temperature prior to printing.

Optimum Print Temperature Range: 65º to 110º F

Print Options

G-Floor Graphic® is designed for the digital and screen printing processes. Other processes may apply with custom approved testing results.

Digital Printing: G-Floor Graphic® can be printed on using flatbed and roll-to-roll formats with no less than 0.60" material thickness tolerance. Both solvent and UV curable inks are suitable for vinyl substrates. Ink curing should not exceed 180º F as excessive heat can cause a cupping effect to the print media material. Speeding up the print carriage and/or decreasing the number of print head passes will resolve excessive heat-related issues.

Screen Printing: Both solvent and UV curable inks are approved for use in screen printing with G-Floor Graphic®. Ink curing should not exceed 225º F, and it is recommended to cure at the highest speed possible through the curing unit. Excessive heat exposure from the curing unit or the curing bed can cause the material to become damaged.

When using UV inks: Use a 60 durometer or 70 durometer squeegee, 305-355 mesh plain weave.
When using Solvent inks: Use a 60 durometer or 70 durometer squeegee, 155 - 230 mesh plain weave.

Finishing

It is recommended to use flatbed finishing equipment with reciprocating knives when cutting G-Floor Graphic®. Cold Steel Rule Die Cutting is also approved as a finishing product with G-Floor Graphic®. Routing is not recommended as excessive heat from routing may cause the material to produce undesirable edges.

Durability/Weathering

G-Floor Graphic® has a 5 year limited durability warranty. This warranty covers the clear print media material only. Imaging durability is ink related as to MFG specs. BILD® offers no expressed warranties on custom imaging. End User must determine if outdoor durability is suitable for their end use. Extended exposure to water may cause temporary material clouding. Material will return to clear once dry.

User Information

While technical information and advice on the use of this product is provided in good faith, the user bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at the end of this document.

bild® PRINT MEDIA

9736 Legler Rd • Lenexa • KS 66219
913.894.0403 • 877.810.6444
www.bltllc.com