

The Ultraflex graphic floor category has been expanded with the introduction of Floorscapes™, a 70 mil, 65 oz durable clear vinyl floor graphic media. The product was engineered for businesses interested in a smooth embossment floor media to support image clarity and color precision for brand consistency and custom graphics. Designed for digital and screen grand format printers, both solvent and UV curable, Floorscapes can be used stand alone or backed with adhesives. Graphic flooring is an exciting way to create visual interest in any location. A custom floor design either dramatic or subtle can easily transform a space and compliment other digital graphic design elements such as wallcovering, ceiling and textile displays for endless application settings. Floorscapes™ is available in a **clear smooth finish**.

APPLICATIONS

- * Retail / POP
- * Sports Arenas
- * Movie Theaters
- * Ad Specialty Industry
- * Trade Shows
- * Locker Rooms/Gymnasiums
- * Museums
- * Wall to Wall Installs
- * Convention Centers
- * Bar/Restaurants
- * Anti Fatigue Mats
- * Offices

Stand alone or backed with adhesives.

ENVIRONMENTAL CONSIDERATIONS

Material temperature range for installation and application considerations is -15 to 160 degrees F. Although Floorscapes remains flexible in cold, shock cracking can occur.

OPTIMUM PRINT AND STORAGE TEMPERATURE RANGE

65 to 110 degrees Fahrenheit

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

MATERIAL THICKNESS

0.070” (70mil) base thickness

PRINT OPTIONS

Floorscapes™ is designed for Digital and Screen Printing processes. Other processes may apply with customer approved testing results.

Floorscapes™ is best suited for second surface printing. Second surface printing is executed by printing the mirror image to the underside of the material, then applying a layer of white ink or a white backer.

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.

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

WHITE BACKER

The best application of white ink for image contrast is achieved with a direct print on UV printing equipment.

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 Floorscapes; however, Cold Steel Rule Die Cutting is approved.

TESTING DATA

Typical Properties Clear (.070")		ASTM Method
Abrasion Resistance	0.10 mg	F-1344
Coefficient of Friction		C-1028
Clear	0.95 Dry	
	0.79 Wet	
Specific Gravity	1.2 g/cc	ASTM D 792
Tensile Strength	2900 PSI	ASTM D 412
Elongation	250%	ASTM D 412
Durometer Hardness	40 ShoreD	ASTM D 2240
Brittle Point	-32 °C	ASTM D 746
	-25.6 °F	
Oxygen Index	23.5 %	ASTM D 2863

MATERIAL SIZES

120" x 60' Roll

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

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