

**Floorscapes®** is a 50-mil, vinyl floor graphic media that delivers sharp images, precise color, and a durable, clear finish. The product was engineered and designed exclusively to help businesses deliver meaningful messages to audiences everywhere. The incredible image clarity and color precision supports brand consistency and custom graphics. Floorscapes is easy to roll out and install and can be reinforced with adhesives for added placement support.

Floorscapes is available in a wood grain 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

Can be used as a stand alone or backed with adhesives.

#### ENVIRONMENTAL CONSIDERATIONS

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

#### OPTIMUM PRINT AND STORAGE TEMPERATURE RANGE

65° to 110° Fahrenheit

Printers Note: Cooler temperatures can slow the recovery rate for the material to lay flat, resulting in a “wavy” material lay-down appearance. 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

0.050” (50-mil) base thickness

#### PRINT OPTIONS

Floorscapes is designed for Digital and Screen Printing processes. Other processes may apply to 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° Fahrenheit. Excessive heat from UV curing systems can cause a cupping effect on the material. Increasing the speed of the print carriage and/or decreasing the 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 (.050")**

**ASTM Method**

Abrasion Resistance	0.06 g	D3389
Coefficient of Friction: Clear	0.89 Dry/0.85 Wet	C-1028
Specific Gravity	1.22 g/cc	ASTM D 792
Tensile Strength	3600 PSI MD/ 2757 PSI CMD	ASTM D 412
Elongation	490% MD/ 434% CMD	ASTM D 412
Shore Hardness	38 Shore D/ 90 Shore A	ASTM D 2240
Brittle Point	-34.5 °C/ -26.5 °F	ASTM D 746
Oxygen Index	25 %	ASTM D 2863

**MATERIAL SIZES**

122" x 65' Roll

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

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