

FOILWALK & FOILSCAPE APPLICATION GUIDELINES

The following information is based on our knowledge and experience. Not all aspects, which should be considered for application will be explained. Specialized and occupational knowledge and competence of a professional sign maker are presupposed. Due to the diversity of influencing factors during application and use, we strongly recommend situational tests of the products by customers who wish to use the material for special applications. No legal binding warranty of certain qualities can be derived from our information.

BASIC INFORMATION

FoilScape and FoilWalk are innovative aluminum-based solutions for indoor and outdoor applications, such as advertising and temporary markings. Handling FoilScape and FoilWalk is very easy when the following guidelines are considered.

After printing, the film can be cut into the desired shape with a knife or cutting plotter. When laying the film on the surface, it is not necessary to heat the material. The film is bonded to the surface by pressure, not heat. No lamination is required.

Continued rotary movements, as well as special mechanical stress on the material can lead to faster abrasion of the ink; however, this doesn't have much of an effect on the material itself.

DURABILITY

The durability of FoilScape and FoilWalk depends on the mechanical use of the surface to which it is applied.

1. FoilScape: We recommend a maximum use of up to 2 years, vertical exposure under normal conditions.
2. FoilWalk: We recommend a maximum use of 3-6 months.

The product lifespan can be significantly longer or shorter depending on the load and longevity of mechanical use. You can apply liquid varnish to either material to help extend the lifespan.

HANDLING DURING PRINTING

FoilScape and FoilWalk are aluminum foil-based products and as such, tend to hold their shape (material memory). Special care should be taken when handling the product prior to printing, particularly during loading the film. If edge lift occurs, use a roller to gently flatten out the edges.

CUTTING

While FoilScape has a smooth surface, FoilWalk is equipped with a patented anti-slip textured surface. The components within the top coating are abrasive, therefore cutting tools can dull over time. Consider using new, sharp blades and replace them if necessary. Due to the inherent nature of the material, blades may dull quicker than other films.

APPLICATION SURFACES

FoilScape and FoilWalk are designed to be used on outdoor surfaces. The surface does not need to be smooth because both films are flexible materials that conform to most uneven surfaces, such as:

- Asphalt (Rough or Smooth)
- Stone (Untreated)
- Concrete, stone slabs, etc
- Other surfaces: Place a small sample in the corner of the test surface, or contact WRI Supply.

WASTE HANDLING

FoilScape and FoilWalk are designed to be fully recyclable and should be handled as “aluminum waste.”

APPLICATION & TEMPERATURE

Prior to application, please note the surface and environmental conditions. It is ideal to pre-treat the area with a tiger torch, especially if the surface was recently wet or washed. This eliminates moisture in case of cold weather or high humidity. A tiger torch should be used for all applications where the air temperature is below 10°C (50°F).

Remove any loose dirt from the surface with a stiff brush. When the surface is dry, check the surface temperature with your hand. If the surface is too hot to the touch, wait until the surface has cooled before you start applying the film; otherwise, the film will get damaged. Remove a small amount of the release liner for initial positioning purposes.

Tip: For applications requiring conformability to a rough or textured surface, work the material into the contours of the surface using a stiff bristle broom or brush only. Strike the material aggressively to push the Foil into the textured surface.

Place FoilScape or FoilWalk in the desired location and start applying the film to the surface by hand or with a hand roller while slowly removing the protective backing in small sections.

To activate the adhesive and bond the film to the substrate, use a harder hand roller to roll it several times across the entire film area. Always work through this step slowly and carefully. For large ground applications we strongly suggest using a large pressure roller.

Tip: FoilScape and FoilWalk adhesives are activated by using pressure. To ensure adequate adhesion to the surface, apply roller pressure to all areas and angles of the print and application surface. The edges of the graphic should always be firmly rolled several times to prevent any edges from lifting. We also recommend using a rubber mallet on the edges after application. Great care is necessary with this step. The adhesive develops its full strength within 24 to 48 hours, depending on the external conditions. It is recommended to plan the application in such a way that the surface is not subjected to heavy loads during this time.



REMOVAL

FoilScape and FoilWalk are typically very easy to remove and normally release from the surface in one piece. We recommend that you peel the film at an angle close to 180° and very slowly. Every surface reacts differently, especially in combination with different climatic conditions. You may find that on certain surfaces, adhesive residue may be left on the surface. Please follow these steps to avoid any issues when you want to remove the product:

- Remove the film from the surface by lifting it up at one edge and then slowly pulling it back.
- The materials are often removable in one piece. However, if you find residue on asphalt, there are a few ways to proceed:
 - Gently heat up FoilScape or FoilWalk with a Tiger Torch. In most cases this process helps to reduce transfer of the adhesive to the asphalt and transfer it onto the film.
 - You can also remove FoilScape or FoilWalk from asphalt and burn any remaining adhesive with a Tiger Torch. Please be extremely careful as excessive heat can damage the asphalt surface.
 - Adhesive removal can also be carried out with mineral based spirits or most adhesive removers.

ADDITIONAL DATA

- FoilScape or FoilWalk should be applied within one year from date of purchase.
- Storage: Room temperature. Storage temperature should not exceed 54°C (129°F).
- Recommended Application temperature: 10°C - 30°C (50F - 86F).
- Recommended application humidity: Below 80% RH.
- Adhesive Type: High performance pressure-sensitive.

CERTIFICATES: FOILWALK

Slip-Resistance: ANSI 137.1/A326.3, 67212F, R12

Flame Resistance: ASTM E84, M1/B1

Certificate Smoke Emissions/Toxins: F2/SF3/E

DURABILITY

Durability depends on correct application, with particular attention on adequate contact pressure; in addition to the condition of the application surface and the amount of traffic to which FoilScape and FoilWalk is exposed.

CLEANING

In regular traffic, FoilScape & FoilWalk can be cleaned with a stiff broom. When the surface is visibly dirty, it can be cleaned with a stiff bristled brush, soap and water. This will remove most of the dirt. Heavily soiled areas may require the use of a general-purpose cleaner/degreaser and a stiff bristled brush, followed by a final rinse with clean water. Consider the durability of the ink when choosing the appropriate cleaning method.

WARRANTY/LIABILITY

The representations of performance and suitability for use contained in this document are intended as a guide only. As only the user is aware of the specific conditions under which the product is intended to be used, it is the user's responsibility to determine whether the product is suitable for the intended application.