

ASPHALT WALK APPLICATION INSTRUCTIONS

Basic information

AsphaltWalk and SideWalk are innovative solutions for outdoor applications such as advertising or temporarily markings. The handling of AsphaltWalk and SideWalk is very easy but there are some important rules that must be observed.

After the printing process with UV-curing ink or latex printer you can simply cut the film into the desired shape with a knife or a cutting plotter. No heating is necessary with the application of AsphaltWalk and SideWalk.

The film glued to the surface by pressing it down (see below). No lamination is required and no additional surface treatment is recommended. However, there is the option of using EasyProtect varnish to protect the printed surface from mechanical abrasion. Selective rotary movements and special mechanical loads on the material can lead to faster wear of the print but these have little impact on the material.

Printing method

UV curable inks screen printing and latex.

Durability

The durability of AsphaltWalk is dependent the mechanical use of the surface where it is applied. We recommend a maximum use of 3–6 months. SideWalk can be used between 1 to 3 months. Life time can be significantly extended with EasyProtect liquid varnish.

These values are guide values and can be significantly longer or shorter depending on the load.

Handling instructions during printing

AsphaltWalk is an aluminum foil based product and therefore the foil tends to hold its shape (material memory). Care should therefore be taken when handling the product prior to printing. Pay special attention to the edges during loading. If edge lift occurs use a roller to gently flatten out the edges.



Instructions during cutting

AsphaltWalk /SideWalk is coated with a proprietary slip resistant surface. The components within the topcoating are abrasive and therefore cutting tools can become dull over time. We recommend using new, sharp knives and to be replace them when necessary.

Where to apply

AsphaltWalk / SideWalk is designed to work on outdoor surfaces. The surface does not need to be smooth as AsphaltWalk is a flexible substrate that adjusts to most uneven surfaces such as

- asphalt (rough or smooth)
- stone (untreated)
- concrete, stone slabs etc.
- and many other surfaces – if you are unsure then please evaluate a small sample in the corner of the test surface or contact us for support

The surface doesn't have to be smooth because AsphaltWalk is consists of a very flexible substrate that easily adapts to uneven surfaces. The surface for SideWalk should not be too uneven and structured. The material is not as flexible as AsphaltWalk and therefore only adapts to uneven surfaces to a limited extent.

Waste handling

AsphaltWalk and SideWalk are designed to be fully recyclable. AsphaltWalk can be handled as "aluminum waste" and SideWalk as "PP waste".

Installation guide

Pre-treat the area with a gas burner. This eliminates moisture in case of cold temperature or high humidity. A gas burner should be used for all applications where air temperature is lower than 10°C.



Before application remove loose dirt from the surface with a stiff brush.



When the surfaces is dry please check the ground temperature with your hand before application. If the surface is too hot to touch wait until it cools to warm-to-cold before application. Do not apply the film if the surfaces is still very hot, it will damage the material. Remove a small amount of release liner from the surface for initial positioning purposes.



Orient the AsphaltWalk / SideWalk to the desired application position and apply the exposed edge by hand or roller



Remove the release liner in small sections at a time and continue to apply – don't be tempted to remove all the liner at once!



Roll the film again with small hard rubber roller. Roll slowly several times to achieve firm adhesive contact. For larger applications a wide roller is available for renting or buying.



Note: AsphaltWalk / SideWalk adhesive has to be activated through pressure to ensure adequate adhesion to the ground. Be sure to apply roller pressure to all areas and angles of the print/application surface. The edges of the graphic should always be firmly rolled several times to prevent any edge 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 approx.. 24 to 48 hours, depending on the external conditions. It is therefore recommended to plan the application in such a way that the surface is not subjected to heavy loads during this time.

Removal of the used AsphaltWalk

AsphaltWalk /SideWalk is usually very easy to remove and normally in one piece from the asphalt or stone. We recommend that you peel the film at an angle close to 180° and slowly. Surfaces however react differently especially in combination with varying temperatures. You may find that on certain surfaces some adhesive residue

may be left on the ground. Please follow these steps to avoid any issues when you want to remove the product.

- Remove the AsphaltWalk film from the surface by lifting up at one edge and then pulling it back slowly.
- Often it is removable in one piece. If however you find residue on the asphalt, there are different ways to proceed:
- Gently heat up the AsphaltWalk / SideWalk with the gas flame. In most circumstances this process will help release the adhesive on the Asphalt and improve the adhesive key to the AsphaltWalk /SideWalk aluminum surface.
- You may also remove the AsphaltWalk / SideWalk foil from the asphalt and burn any remaining adhesive with the gas burner. Please be extremely careful as you may cause damage to the asphalt surface if excessive heat is applied.
- Adhesive removal can be also be carried out with mineral based spirits or most adhesive removers.

Note

Bonding by driving over it with a car or truck has less than 50% of the necessary contact pressure and is not suitable for applying the film.

Additional data

- AsphaltWalk / SideWalk should be applied within one year from date of purchase.
- Product should be stored at room temperature. Storage temperature should not exceed 54°C
- Recommended application temperature: +10°C to +30°C
- Recommended application humidity: Below 80% RH.
- Adhesive type: High performance pressure-sensitive

Certificates AsphaltWalk

- Slip-resistance R12 / 67212F
- Certificate flame resistance B1 / M1
- Certificate smoke emission/toxins F2 / SF3 / E

Certificates SideWalk

Slip-resistance R11

Durability of the AsphaltWalk film

The durability depends on correct application with particular emphasis upon adequate application pressure, the condition of the application surface and the level of traffic AsphaltWalk is exposed to.

Cleaning instructions

Under normal traffic, simply sweeping the AsphaltWalk material with a stiff broom will remove most loose dirt particles. If the surface becomes visibly dirty it can be cleaned with a stiff bristle brush, soap and water. This process will remove most contamination. Heavily soiled areas may require the use of a general purpose household cleaner/degreaser and a stiff bristle brush followed with a final rinse with clean water.

Warranty / liability

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

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