

ASPHALT WALK / SIDE WALK APPLICATION INSTRUCTIONS

Basic information

AsphaltWalk and SideWalk are innovative solutions for outdoor applications such as advertising or temporary 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. When laying the film on the surface it is not necessary to heat the material.

The film is bonded to the surface by pressing it onto the substrate (see below), no lamination or additional surface treatment is required. There is, however, the option of using EasyProtect varnish to provide additional protection to the printed surface against mechanical abrasion.

Punctual rotary movements as well as special mechanical stress on the material can lead to a faster abrasion of the print, but these have hardly any influence on the material.

Printing method

UV curable inks screen printing and latex.

Durability

The durability of AsphaltWalk depends on the mechanical use of the surface which it is applied. We recommend maximum use of 3 to 6 months. SideWalk can be used between 1 to 6 months. The lifetime can be significantly extended with EasyProtect liquid varnish. These values are guide values and can be significantly longer or shorter depending on the load.

Instructions for handling during the printing process

AsphaltWalk is an aluminum foil based product and therefore the foil tends to hold its shape (material memory). Therefore, care should 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 equipped with a patented anti-slip surface. The components within the topcoating are abrasive and therefore cutting tools can become dull over time. We recommend to use new, sharp knives and to replace them in time if necessary.

Where to apply

AsphaltWalk / SideWalk is designed to be used on outdoor surfaces. The surface does not need to be smooth because AsphaltWalk is a flexible material that adapts 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 place a small sample in the corner of the test surface or contact us for support

The surface where SideWalk can be applied to should not be too uneven. The material can be used with normal, common roughness but not on paving stones or deep joints.

To be on the safe side, which one of these two materials should be used, please contact us – we are happy to help.

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.



Roll several times over the whole film with a harder hand roller to activate the adhesive and bond it to the substrate. Always carry out this step carefully and slowly. For large laying applications we also offer large pressure rollers for rent or purchase.



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



When the surface is dry please check the ground temperature with your hand before application. If the surface is too hot to touch, wait until the surface has cooled down before you start application. Do not apply the film when the surface is still very hot, this will damage the material. Remove a small amount of the release liner from the material for initial positioning purposes.



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 approximately 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.

Place the AsphaltWalk / SideWalk in the desired location and start applying the film removed from the protective film to the floor surface by hand or with a hand 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!



Removal of the used AsphaltWalk

AsphaltWalk /SideWalk is usually very easy to remove and normally comes off the surface in one piece. We recommend that you peel off the film at an angle close to 180° and 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 floor. Please follow these steps to avoid any issues when you want to remove the product.

- Remove the AsphaltWalk film from the surface by lifting it up at one edge and then slowly pulling it back.
- It is often removable in one piece. However, if you find residue on the asphalt, there are different ways to proceed:
- Gently heat up AsphaltWalk / SideWalk with the gas flame. In most cases this process helps to reduce the adhesive to the asphalt and transfer it to the film.
- You can also remove the AsphaltWalk / SideWalk film from the asphalt and burn any remaining adhesive with gas burner. Please be extremely careful, as excessive heat can damage the asphalt surface.
- Adhesive removal can be also be carried out with mineral based spirits or most adhesive removers.

Note

Bonding by driving over 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

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

Cleaning instructions

In regular traffic, the AsphaltWalk material freed from most loose dirt particles by simply sweeping with a stiff broom. When the surface is visibly dirty, it can be cleaned with a brush with stiff bristles, soap and water. This procedure will remove most of the dirt. Heavily soiled areas may require the use of a general purpose household cleaner/degreaser and a stiff bristled brush, followed by a final rinse with clean water.

Warranty / liability

The representations of performance and suitability for use contained in this instruction sheet 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 use.

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