

Application Guide

Signtac® 12 Outdoor SS



Lamination Required for Slip-Rated Floor Graphics



Durability: up to 12 months



Tools Required



Dry Application



Moderate Application

For Floor Graphics

Read the following instructions prior to application. Signtac® 12 Outdoor SS is a polymeric PVC film coated with an aggressive high tack adhesive, suited for applications where flexibility and strong adhesion are required. It is recommended that the following guidelines to be carefully read and followed to ensure a successful application. The end user/applicator is responsible for ensuring the film's suitability for the intended application. Always make time to test a printed sample on the intended surface prior to full production and installation.

Required Tools

- Brush for surface preparation
- Masking tape for positioning
- Soft edge squeegee for applying the graphic
- Heat gun for conforming the graphic into surface texture
- Application roller for applying the graphic
- Soft cloth for graphic cleaning

Types of Surfaces

The type of surface will have an impact on the adhesive bond, it is critical to understand the nature of the surface in order to avoid graphic failure or removal issues. Heat is not necessary for application to smooth surfaces, however on rough surfaces it is required to ensure successful application.

Surfaces Recommended for Application without heat*:

- Floor tiles
- Laminate flooring
- Short pile carpet
- Sealed wood
- Sealed and untreated concrete
- Waxed vinyl
- Marble
- Ceramic tiles

Surfaces Recommended for Application with heat*:

- Rough concrete
- Smooth concrete
- Stone

Surface Preparation

The surface to which the floor decals are applied must be clean and dry. Check the surface is in good condition and does not have defects such as cracks, chips or other damage.

Prepare the surface for graphic application with the following guidelines:

- Brush the surface with a stiff brush to remove dust or dirt. If dirt persists, use a de-greaser cleaner and allow the surface to dry for 48 hours. The surface must be dry prior to application.
- Test a small sample prior to installation to ensure ideal adhesion and graphic outcome. Let dwell for 2-3 days.

*Always make time to test a printed sample on the intended surface prior to full production and installation.



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Floor Graphic Application without Heat

- Peel back the release liner about 10cm/4in exposing the adhesive.
- Line up the graphic in the desired location and stick firmly using a squeegee.
- Beginning from the top edge and working horizontally, use the squeegee with firm, overlapping strokes to apply the graphic. Tip: move from the centre outwards to the edges to avoid trapped air.
- Continue to remove the liner and apply the graphic in approximately 20cm/8in instalments.
- Apply enough pressure to give a good bond between the adhesive and the substrate.
- Do not allow creases or bubbles to form.
- Go over the whole graphic and check there are no pockets of trapped air. If these cannot be squeezed out, a sharp knife can be used to create a tiny hole and allow the bubble to be pushed flat.
- Give edges an additional squeegee to ensure good adhesion and avoid lifting.

Floor Graphic Application with Heat

- Peel back the release liner about 10cm/4in exposing the adhesive.
- Line up the graphic in the desired location and stick firmly using a squeegee.
- Beginning from the top edge and working horizontally, use the squeegee with firm, overlapping strokes to apply the graphic. Tip: move from the centre outwards to the edges to avoid trapped air.
- Continue to remove the liner and apply the graphic in approximately 20cm/8in instalments.
- Apply enough pressure to give a good bond between the adhesive and the substrate.
- Do not allow creases or bubbles to form. Tip: if creases occur gentle heating will remove them.
- Go over the whole graphic and check there are no pockets of trapped air. If these cannot be squeezed out, a sharp knife can be used to create a tiny hole and allow the bubble to be pushed flat.
- Give edges an additional squeegee to ensure good adhesion and avoid lifting.
- Use a heat gun set to around 500 to 550°C, focus on small areas moving from left or right.
- Keep the heat gun close to the graphic to ensure effective heating but avoid contact.
- Use the roller to firmly press the graphic into the surface.
- Take care to avoid local overheating which may cause damage to the film.

Cleaning Instructions

- Clean with a soft cloth and water or mild detergent when floor graphic shows signs of dirt.



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For Floor Decals

Graphic Removal

Sigtac® 12 Outdoor SS is not designed to be removable and is intended to give a permanent bond to various substrates. Upon removal of Sigtac® 12 Outdoor SS, damage may occur to the surface such as adhesive residue or other substrate damage.

- To begin removal, pull the graphic away from the top edge at an approximately 120° angle. A knife maybe required to lift away the edge.
- Peel the graphic away slowly and continuously, maintaining the 120° angle, until it is removed.
- Do not use chemicals to aid removal, a heat gun can be used to make removal easier.
- Tip: if any adhesive residue is left after removal isopropyl alcohol can be used to remove remaining residue. Test a small area to make sure that the isopropyl alcohol has no lasting effect on the surface.

Decal Durability

- Interior & Exterior Floors: up to 12 months. Dependant upon foot-traffic and proper installation.

Recommendations

- It is recommended the decal to have rounded edges or simplistic cut/design. This will help reduce edge lifting. If the edges lift at all, the graphic must be removed or replaced immediately.

This document provides information on how to apply floor graphics. These instructions are designed to help ensure success across a broad range of applications. Depending on the size and complexity of the application, a specific level of expertise may be required. A more experienced applicator/installer may be needed for larger and more complicated graphics whereas a less experienced applicator/installer may be better suited for applying smaller poster-sized graphics. Large multi-panel graphics should be left to an experienced applicator/installer.