

Installation Guide for Safety-Floor Products

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Checking the surface condition

- Make sure that the surface to be covered is clean, dry, dust-free and even. The ideal installation temperature is 18 - 25 °C. Anti-slip coverings cannot be bonded at temperatures < 10 °C.
- Destroyed layers of paint and varnish must be removed mechanically. Intact paint layers must be checked in advance to ensure that they can be bonded.
- Porous surfaces, such as concrete or wood, should be checked for internal moisture before bonding. Rising moisture can considerably reduce the adhesive strength of an anti-slip coating. To determine the moisture content of a substrate, a plastic film can be stuck airtight onto the surface. If condensation forms under the film after a few days, the surface cannot be covered. If necessary, the surface can be pre-treated with a primer. Please contact us for this!
- Surfaces that are permanently exposed to moisture are generally not suitable for bonding with a pressure-sensitive adhesive tape/anti-slip coating.

Preparing the surface

- Waxed or coated floors need to be freed from their top layer first.
- Dust and other dirt must be thoroughly removed from the surface.
- For metal surfaces, make sure that the surface temperature has been 18° for at least 24 hours before bonding.
- For stainless steel surfaces, the top layer must be sanded. Clean the surface before and after sanding.
- The surface must be thoroughly cleaned and degreased directly before bonding.
- White disposable cloths and a cleaner/degreaser based on ethanol (e.g. SFS Bio-Cleaner) or isopropanol are suitable for residue-free cleaning. Cleaning agents containing surfactants or cleaning agents that affect the surface in other ways (e.g. gloss cleaners) can lead to deterioration in the adhesiveness.
- On problematic surfaces such as plastics, lacquers, wood or concrete as well as on surfaces in wet and outdoor areas, a primer should be used after cleaning and before applying the adhesive to improve adhesion.

Use of primer or undercoat (optional)

A distinction is made between preparation with **primers** and those with **undercoats**:

- **Primers** improve the surface and prepare it for bonding. Primers are therefore the right choice for low-energy, but clean and smooth, surfaces.
- **Primers** level and cover a substrate. They can therefore help to make uneven, damp or porous surfaces suitable for bonding.
- Apply according to the instructions in the data sheet.
- Apply **primer** thinly and only in one direction to the substrate with a brush or sponge. Please note: Excessively thick layers create predetermined breaking points! Do not apply multiple coats!
- Apply the **primer** to the appropriate area using a roller or brush. For absorbent surfaces, in contrast to the primer, a multiple application may be useful. In some cases, the primer is additionally applied to the adhesive-coated side of the anti-slip covering. Please observe the processing instructions in the data sheet.
- Bonding to the treated surface takes place after a flash-off time of the solvent. The duration depends on the primer/undercoat and the ambient conditions. Here too, follow the instructions in the data sheet. A test with the back of the finger can also serve as an orientation: when the primer/primer is no longer tacky, bonding can take place.
- We will be happy to assist you in choosing a primer.

Application of an anti-slip covering / floor or wall marking tape

- Corners kick up quickly and thus form weak points. It is therefore advisable to round corners where possible or to use ready-made die-cut parts.
- Gluing over joints or directly on edges significantly reduces the service life of anti-slip coverings and marking tapes and should therefore be avoided.
- When applying: Remove the protective paper by a few cm and place the adhesive surface on the substrate and press on. Avoid touching the adhesive surface with your fingers.
- Continue to peel off the protective paper and press on the covering, tape or film without bubbles (e.g. with SFS pressure roller). As many of our products are equipped with a pressure-sensitive adhesive, this step must be carried out particularly carefully and with high pressure.
- Final adhesion of the coverings/tapes is achieved after 3 days at the earliest.

Removing old coverings and tapes

- Old PET-based adhesions can usually be removed in one piece. To do this, heat the covering/tape with the help of a hair dryer and carefully pull it off at a 180° angle.
- PVC adhesions tear quickly. If the removal is not successful after heating, a spatula can be used to push the old material off the surface after heating.
- Remaining adhesive residues can be dissolved with a cleaning agent (e.g. SFS-Bio-Cleaner) and removed with a cloth.
- Before re-bonding, the surface must be prepared again and cleaned completely..

The above technical advice is given to the best of our knowledge and represents our current experience. As the use of our products is beyond our control, it is your own responsibility. All information about our products must be coordinated with the local conditions and the materials used in your application. Before use, carry out your own tests to determine suitability and consumption. All questions of warranty and liability for our products are governed by our current terms and conditions of sale, unless otherwise provided by law. We regard all technical data sheets and recommendations as our intellectual property. Their use is only permitted with our consent. With the publication of this product information, previous versions lose their validity..