

Non-Slip Stair & Flooring

Safetread™ Stair Covers and Stair Nosing - Installation Instructions

Basic tools

Hammer drill
Drill bits (Masonry No. 8 Posidrive bit)
Hammer
Angle grinder (4½ Stone or diamond cutting discs)
Skeleton gun
Mobile bench (i.e. 2 x trestles)
Tape measure
Marker pen

Ancillary materials (available from Sui Generis)

Adhesive
Mechanical fixings (Screws and plugs)
Template

P.P.E. (Minimum)

Eye protection
Hand protection
Coveralls
Safety boots
Ear defenders
Dust mask (Type P2)

Preparation

For maximum performance and longevity of service the stair covers substrate should be flat and even. Any undulations should be levelled using appropriate grinding equipment (or similar) or suitable repair material. If the stair covers are to be fitted on a bed of adhesive the substrate should be clean (i.e. free of grease and dust) and dry, as should the underside of the stair covers (see adhesive manufacturer's instructions). Care should be taken that a prepared surface does not become contaminated after cleaning. Mechanical fixings can be used in conjunction with adhesive if deemed necessary. Where the substrate is contaminated (i.e. by oil) or its surface strength is wanting, mechanical fixing is essential.

Handling

Wear appropriate P.P.E. Do not drop on edges. Store flat. Carry upright (same as glass). Safe handling practices should always be employed.

Cutting

The sheets can be easily cut to size or shape using orbital cutting equipment with either a stone or diamond blade. The operative should ensure he is wearing appropriate P.P.E. and uses cutting equipment in a safe manner. Care should be taken to select a safe area for cutting and ensure the safety of others. A suitable bench should be used. It is best to cut the sheet face side up. Standard marking and cutting procedures should be employed. All waste material should be disposed of using duly appointed receptacles.

Bonding

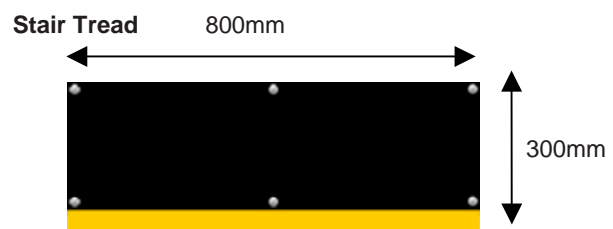
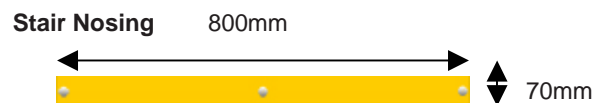
Sikaflex adhesives are used extensively in the marine industry and are an ideal bonding agent for our fibreglass products. SikaflexT221 bonds to Wood Steel and Concrete and is available in Black Grey and White. Follow the procedure for preparation below.

1. Run a 6mm bead of adhesive around the perimeter of the product and across it at about 200mm-300mm apart. This will result in a uniform bond to the substrate. We particularly recommend the use of adhesive in exterior applications as this also acts as a sealant around the edge and stops water lying between the fibreglass and the substrate (water will not harm the fibreglass but can affect wood or metal substrates causing rot or rust).
2. Put the sheet in place and apply light pressure to the sheet to enable the adhesive to spread a little.
3. The adhesive 'cures' over a period of a few hours so avoid walking on the steps for a similar period.

Mechanical Fixing

All Safetread™ products can be drilled and countersunk for screw fixing after following the preparation procedures above.

1. Always ensure that the screw length is longer than the plug length to obtain a good fixing.
2. Fixing is generally recommended at 600mm centres and approx. 20mm in from any edge.
3. Stair treads should be fixed along the back edge of tread and along the front of the tread behind the nosing.
4. It may be necessary in certain applications to use mechanical fixing in conjunction with the adhesive (see below).



Miscellaneous

The above method of installation makes no claim to being comprehensive but should be used as a guide. Always employ safe practices. A risk assessment and method statement should always be prepared. If in doubt please contact us.