

# Swiss Solutions Slip Grip Flat Sheet Budget

Creating a safer environment

## Product description

### Slip Grip Flat Sheet Budget

Budget Slip Grip Flat Sheets are an affordable and versatile solution for slippery walking the tough, chemical resistant surface makes them suitable for both industrial and commercial use. They can be installed easily and quickly with Slip Grip fixing kits. These flat sheets can also be pre-drilled. They can either be trimmed on site or can be pre-cut to your requirements.

## Suitable substrates

For wood, concrete, stone and metal substrates

## Suitable applications

For use on ramps, walkways, Fire escapes, mezzanine floors and areas with medium foot traffic.

## Product characteristics

Highly durable anti slip flat sheet surface.



**Budget Flat Sheet 1 year warranty**

Distribution:  
Repair Management Nederland B.V.



**rmn**

Repair Management Nederland B.V.  
More management less firefighting



# Swiss Solutions Slip Grip Flat Sheet Budget

## Creating a safer environment

### Technical Data

Standard sizes for sheets:	800mm x 1200mm 1200mm x 1200mm 2400mm x 1200mm	Thickness:	4/5mm
Cut to size service:	On request	Service temperature:	-20°C to 80°C
Tolerances (including cut):	+/- 3-4mm	Fire retardant:	ASTM D 635
Colours of sheets:	Sheets in black, stone and yellow in Coarse grit.	Impact retardant:	Yes
		Corrosion resistant:	Yes
		Chemical resistant:::	Yes
		Light weight:	Yes
		Non sparking:	Yes
		Non metallic:	Yes

### Slip resistance test results

Slip Grip Heavy Duty GRP slip resistance levels measured using the Pendulum Test method (WF rubber slider).

Slip resistance of a floor for able bodies pedestrians. The higher the value the safer the floor.

Top surface	Dry reading	Wet reading	Vier S Pendulum value	Potential for slip
Coarse grit	71	63	Above 65 35 to 65 25 to 35 25 and lower	Extreme low Low Moderate High

To ensure that above slip resistant levels are maintained the panels should kept clean in accordance with the information below.

### Cleaning and maintenance

Use of a stiff brush will usually be sufficient when cleaning the Slip Grip Heavy Duty flat sheets to remove every day dirt. For more stubborn items, it is recommended that a mild detergent such as a mild degreaser is used and than rinsed with cold water. It is important to remove any excess water from the stair threads prior to being put back into use with suitable absorbent materials. Where circumstances allow, Slip Grip Heavy Duty flat sheets can be power washed on a low setting. If Slip Grip Heavy Duty flat sheets has been sealed with a sealant; repeated use of a pressure washer could undermine the integrity of the sealant. The security of the fixings should be checked on regular basis. Circumstances will vary, based upon the volume of foot traffic etc., but as guide, monthly inspections would be advisable.

### Handling & storage

Safe handling practices should always be employed and the appropriate Personal Protection Equipment is to be worn. Store the sheets flat and upside down.

### Personal protection equipment

It is recommended that the following Personal Protection Equipment is worn for installation of the Slip Grip flat sheets and stair treads and further protective measures may be necessary but this will depend on the installation environment:

Bonding: Use eye goggles, protective gloves, safety boots

Cutting & mechanical fixing: Use ear defenders, eye goggles, dust mask (Fine dust), protective gloves, safety boots.



# Swiss Solutions Slip Grip Flat Sheet Budget

## Creating a safer environment

### Cutting

Slip Grip Budget flat sheets can be cut to size using an angle grinder with diamond blade. Cutting should be carried out externally or where there is dust extraction or suitable ventilation and appropriate protective equipment as described should be worn. A jigsaw can be used for trimming or for occasions where only a small amount of cutting is required. Use a laminating jig saw cutting blade.

Cut to size service: It is possible to order the sheets pre-cut to your requirements. Lead time will be longer.

### Preparation

Any damage or undulations to the substrate should be remedied to ensure that the flat sheet will be on a reasonably flat and even surface. If using an adhesive the substrate must be clean and dry and free from oils, grease, dust and any loose particles. The underside of the flat sheet must also be clean and dry. Where the substrate is contaminated (e.g. by oil), mechanical fixing is essential. Prior to applying any adhesive, it is advisable to carry out a dry-fit first to ensure a suitable fit. Swiss Solutions recommends a double fixing method for installing GRP anti slip flat sheets, consisting of a high strength adhesive or a double sided tape such as the 3M 5200 or high performance tape, both can be supplied by us, and mechanical fixings. Please note that the special primer needs to be used with the tape when affixing to unsealed, porous surfaces and surfaces prone to dust.

### Fixing kit application

Swiss Solutions recommends the use of 3M 5200 PU Marine Adhesive or a high performance double side bonding tape. When bonding tape is used there is a need for a primer on unsealed, porous surfaces. The 3M 5200 adhesive is also a sealant and can be used to seal around the edges and stop water lying between the sheet and the substrate. Water will not affect the sheets or stair covers but can affect the substrate causing rot or rust. The 3M 5200 PU adhesive also offers a secondary fixing in the unlikely event that a mechanical fixing fails.

Run a bead of adhesive around the perimeter of the sheet approx. 25mm from the edges and then cross hatch at about 200mm apart. Apply sufficient hand pressure to bed the sheet into position. With the 3M 5200 PU adhesive, optimum bonding will be obtained after 24 hours (at 20°C). However stairs can be made available to traffic a few hours after bonding, but this is subject to temperature so it is worth testing first.

### Mechanical fixing

Slip Grip Heavy Duty flat sheets can be drilled and secured with stainless steel fixing screws. It is recommended to use the flooring sheet fixing kit available from Swiss Solutions. Follow the preparation procedure prior to fixing.

- 1) Always ensure that the screw length is slightly longer than the plug length to obtain a good fixing if not using the Swiss Solutions fixing kit.
- 2) Use Mastic adhesive on the underside to prevent the GRP drumming and rocking on the substrate.
- 3) Fixing is generally recommended at approximately: 70mm from the front, 50mm from each side, 60mm from the back, at a maximum of 250mm apart.
- 4) If fitting to a metal substrate, use self-tapping screws. There is no need to counter sink the screw holes since the screw can be tightened so that it beds into the gritted surface, making it flush with the wearing surface.

Pre-drilling:

Slip Grip Heavy duty flat sheets can also be pre-drilled. Lead time will be longer.

The above installation instructions are to be used as a guide. Always employ safe practices. It is recommended to first test the suitability of any fixing method on a small area before carrying out a full installation programme.

