

Swiss Solutions Deck Grip Max Decking Boards

Creating a safer environment

Product description

Deck Grip Max Decking Boards

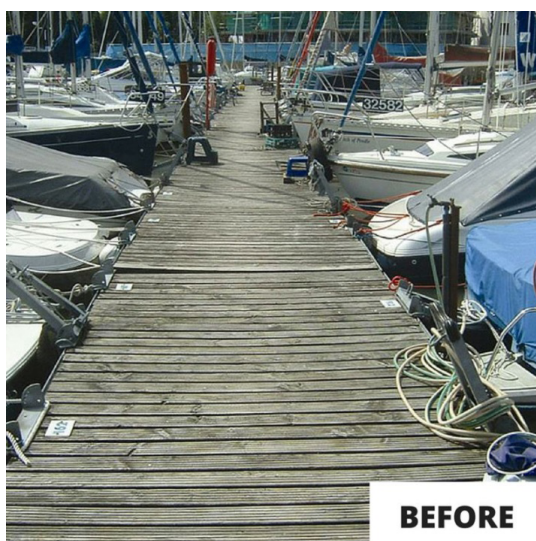
Swiss Sololutions Deck Grip Max Decking Boards are the ultimate decking solution and a viable alternative to traditional timber profiles. Whilst aesthetically pleasing, Deck Grip Max is also much stronger than timber of the same thickness and unsupported spans up to 1350mm can be achieved without additional supports. The profiles doesn't rot, twist or warp over time what the problem is with traditional timber. Also it provides a much better anti slip performance.

Suitable applications

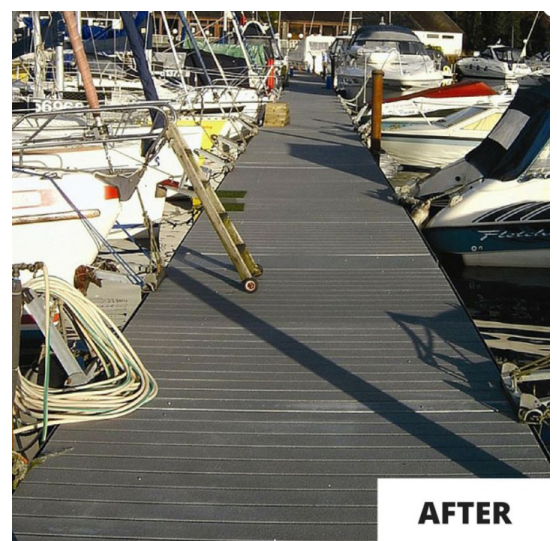
High traffic walkways. Decking areas. Floats. Pontoons. Ramps. Access Bridges. Suitable for pedestrian and vehicle traffic.

Product characteristics

Anti slip surface. Hard wearing and durable structural profile. Instant replacement to timber. Choice of lengths. No scrap value. Quick and easy to install. Can be walked on directly after installation.



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Technical data

Description:	Slip resistant heavy duty decking profiles	Loading information:	1350mm span: 500kgs p/m ² 1250mm span: 525kgs p/m ² 1150mm span: 550kgs p/m ² 1000mm span: 600kgs p/m ²
Colours:	Brown (or RAI Colours on request)	Profile weights:	120x40x1200mm: 2.65kg
Thickness:	6mm	Top finish:	Anti slip grit top surface
Chemical resistance:	Made from ortho resin as standard. Different chemical resistance available.	Production method:	Made via pultrusion method Made from ortho resin
Standard profile sizes:	40x120x1200mm HxWxL 40x120x2400mm HxWxL	Design life:	10+ years (subject to traffic analysis)
Tolerances (including cut):	+/- 3-4mm		
Service temperature:	-20 to 80°C		

Slip resistance test results

Deck Grip Max Decking Boards GRP slip resistance levels measured using the Pendulum Test method (WF rubber slider).

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

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

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

Cleaning and maintenance

Use of a stiff brush will usually be sufficient when cleaning the Deck Grip Max Decking Boards to remove every day dirt. For more stubborn items, it is recommended that a mild detergent such as a mild degreaser. It is always advisable to test any cleaning product on the deck grip strips before starting the cleaning procedure. Using the detergent, warm water and a suitable brush, scrub the areas until clean. The excess water can be removed by using a wet/dry vacuum cleaner or suitable absorbable materials. Where circumstances allow, Deck Grip Max can be power washed without causing harm, through care should still be taken. Care should be taken when the boards have been stuck down and/or edge sealed as very high pressure power washing or repeated power washing could cause damage to sealants and adhesives. The security of the fixings should be checked on a regular basis.

Handling & storage

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

Personal protection equipment

It is recommended that the following Personal Protection Equipment is worn for installation of the Deck Grip Max Decking Boards 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.



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Cutting

The Deck Grip Max Decking boards can be ordered pre-cut or trimmed on site using a professional jigsaw as bespoken below. Always worn the right personal protection equipment during cutting. Work safe!

Preparation

Dry fit all Deck Grip Max Decking Boards to ensure that they fit freely and they sit flat down on to the surface. If required, they can be trimmed on site to suit using an industrial jigsaw and appropriate cutting blades such as Bosch T101 A1F or similar.

Fixing over Timber Supports

Simply drill a hole through the Deck Grip Max Decking Board and fix through the Spax screw into the timber supports. 75mm Spax screws recommended. For pre-joined panels a fixing is only required every fifth plank profile (approximately 50mm in from the plank edge).



Fixing over Steel Supports

Bolt system: (shown) The thickness of the steel supports will determine the size of the fixing required. In general terms, a hole will need to be drilled through the Deck Grip Max panel to size of the fixing required and through the steel support. An M8 dome head bolt would be recommended. Simply insert the dome head bolt through the Deck Grip Max panel and through the steel support and using a washer and self retaining nut tighten up from underneath.

Screw system: If you do not want to use the bolt system the Deck Grip Max panels can be secured using a self tapping screw. Simply drill a hole through the Deck Grip Max panel and fix through into the steel support (a pilot hole in the steel support may be required).

If you are using individual plank profiles and assuming a 1000mm span. Fix in each end of the plank, approx. 50mm in from the end or to suit the support. For larger sizes a central fixing may be required, assuming adequate support underneath.

