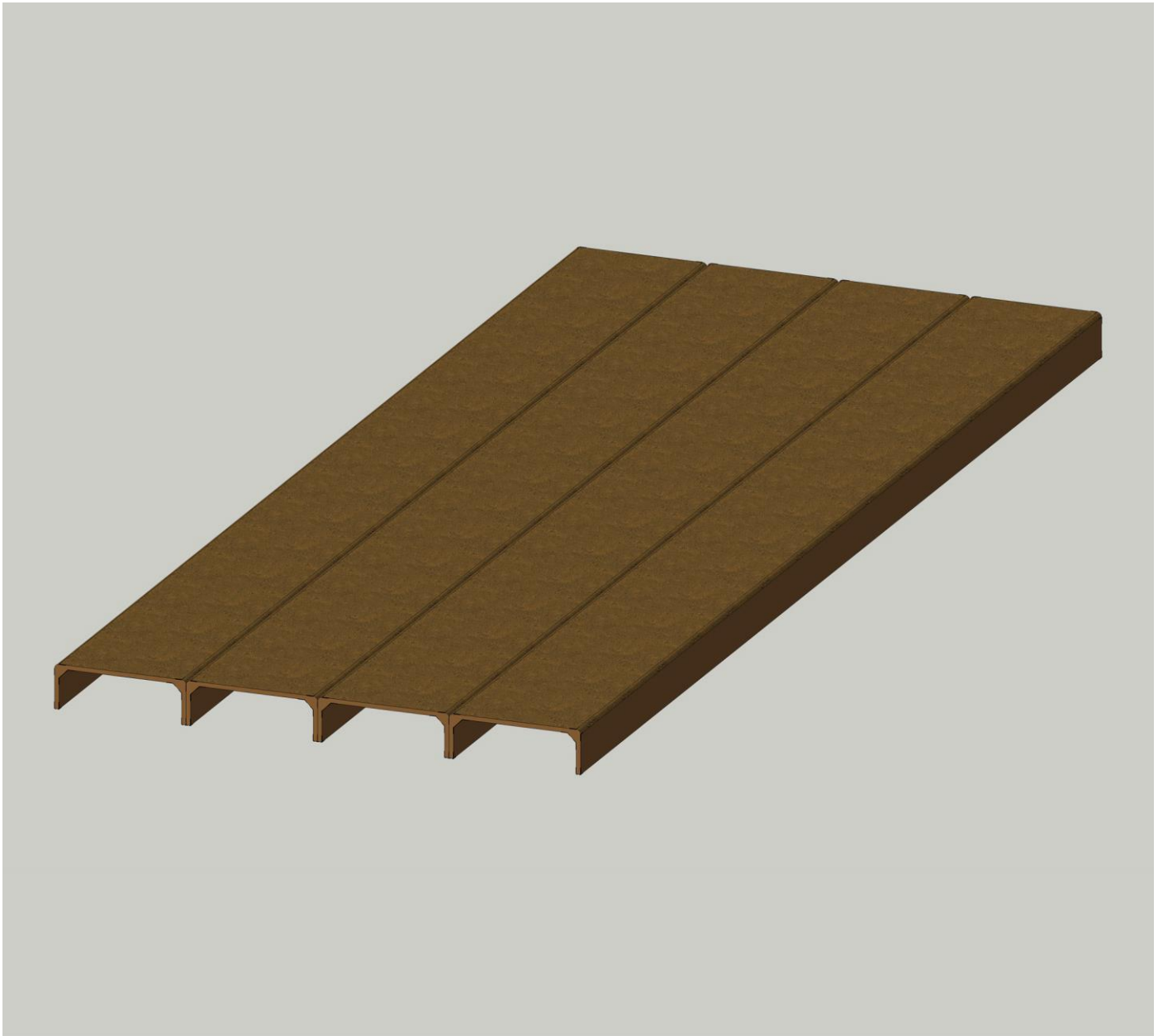


DeckGrip Max Data Sheet & Installation Guide



DeckGrip Max Technical Data

Description

DeckGrip Max is the ultimate decking solution and a viable alternative to traditional timber profiles. Whilst aesthetically pleasing, DeckGrip Max is also much stronger than timber of the same thickness and unsupported spans of up to 1350mm can be achieved without additional supports.

DeckGrip Max Characteristics

Antislip surface	Hard wearing & durable
Structural profile	Instant replacement to timber
Choice of colours	Choice of sizes
No scrap value	

DeckGrip Max Applications

High traffic walkways	Decking areas
Floats	Pontoons
Ramps	Access bridges

DeckGrip Max Typical Technical Data

Description:	Slip resistant structural decking profiles
Top finish:	AntiSlip grit top surface
Colours:	Brown (stock) Any RAL colour subject to minimum quantities and lead time
Thicknesses:	Nominally 6mm thick
Chemical resistance:	Made from Ortho resin as standard. Different chemical resistance available, please call our technical department for advice.
Profile sizes:	40mm high (can be cut down), 120mm wide and up to 1200mm in length (stock), or pre-joined planks virtually any size.
Profile Weights:	120mm x 40mm x 1200mm: 2.65kg
Panel Weights:	18kgs per square metre
Loading information: (guide)	1350mm span: 500kgs per square metre U/L 1250mm span: 525kgs per square metre U/L 1150mm span: 550kgs per square metre U/L 1000mm span: 600kgs per square metre U/L
Tolerances (including cut):	+/- 3-4mm
Service temperatures:	-20 to 80°C
Load capabilities:	See load chart above
Design life:	10-15+ years (subject to traffic analysis)
General use:	Standard pedestrian traffic/Some vehicle traffic
Other info:	GRP made via pultrusion method

Pultruded Grating Slip Resistant Levels

Measured using the Pendulum test method (WF rubber slider) – certificate available on request.

Top Surface	Dry Reading	Wet Reading
Embedded grit top	70	65

The UK Slip Resistance Group guide to slip resistance of a floor for able bodied pedestrians.

Four S Pendulum Value Potential for Slip

Above 65	Extremely Low
35 to 65	Low
25 to 65	Moderate
25 and Below	High

To ensure that the above slip resistant levels are maintained the panels should be kept clean in accordance with the attached Pultruded Grating cleaning guide and tips.

DeckGrip Max Installation Guide and Tips

Safety

When installing DeckGrip standard personal protective equipment should be worn as a minimum. These include 3M dust mask (or similar), safety goggles, heavy duty gloves and overalls. DeckGrip should be cut in a well ventilated area or close to extraction points. Dust residue can be disposed of using normal waste disposal methods. No special permissions or licences are required.

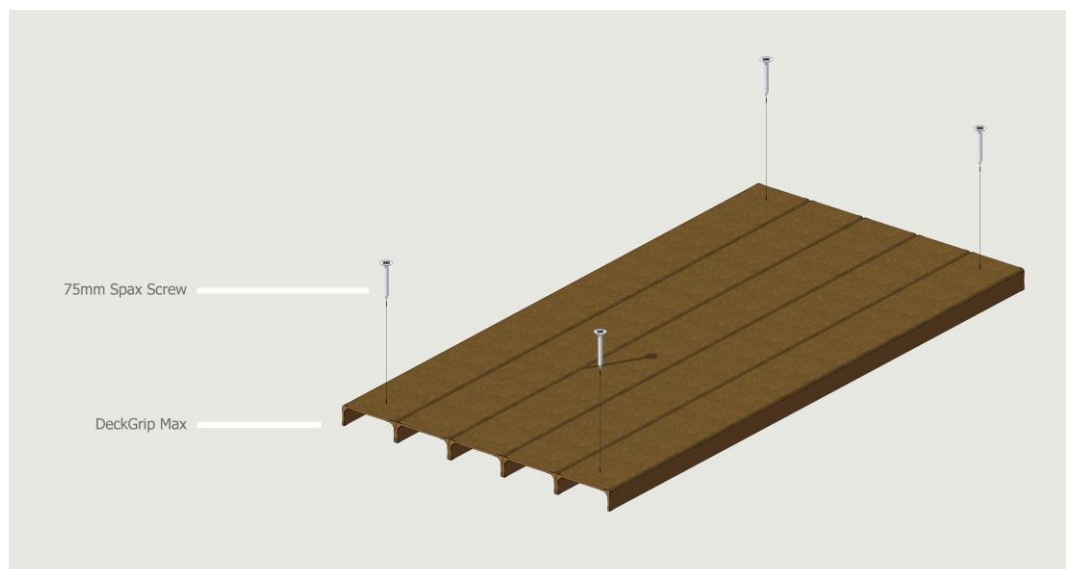
Preparation

Dry fit all DeckGrip panels to ensure that they fit freely and that they sit flat down on to the surface. If required, DeckGrip can be trimmed on site to suit using an industrial jigsaw and appropriate cutting blades (Bosch "T101 A1F" or similar are ideal)

Fitting the DeckGrip Max

Over Timber Supports

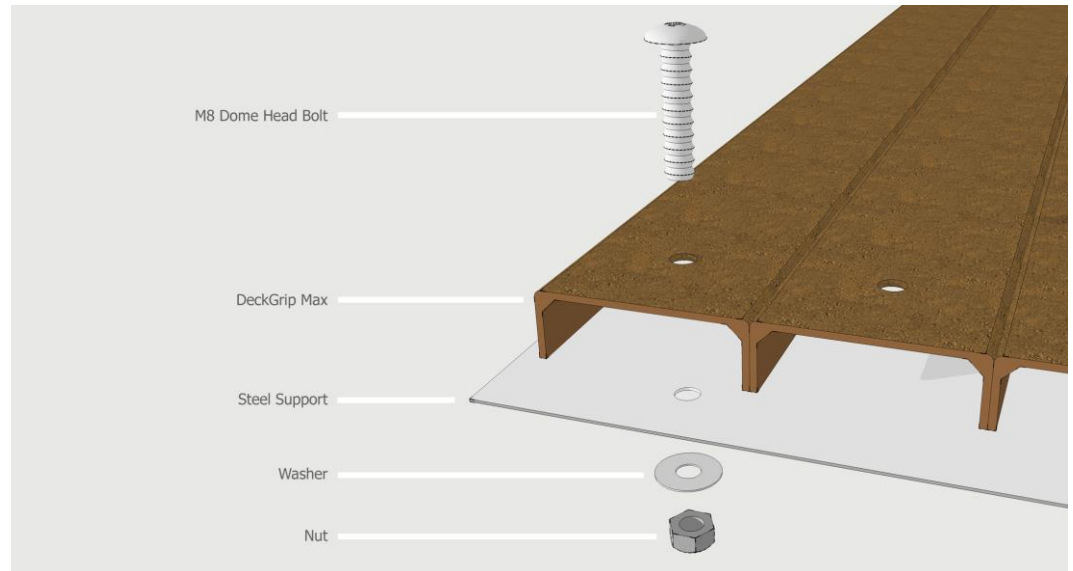
Simply drill a hole through the DeckGrip panels and fix through the Spax screw into the timber supports. 75mm Spax screws recommended. For pre-joined panels a fixing is only required every fifth plank profile (approximately 50mm in from the plank edge).



Over Steel Supports

Bolt system: (shown below) Depending on the thickness of the steel supports will determine the size of fixing required. In general terms, a hole will need to be drilled through the DeckGrip panel to the 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 DeckGrip panel and through the steel support and using a washer and nut tighten up from the underneath.

Screw System: If you do not want to use the bolt system, the DeckGrip Max panels can be secured using a self tapping screw. Simply drill a hole through the DeckGrip panels 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, circa 50mm from the end or to suit the support. For larger sizes a central fixing may be required, assuming adequate support underneath.

DeckGrip Max Cleaning Guide and Tips

Whilst DeckGrip Max is extremely resilient to dirt and contaminants, it can, as with most other things, become dirty.

Dirt and debris can easily be removed using a stiff brush and should be carried out on a regular basis.

If DeckGrip Max has been subjected to spillages or the dirt has become embedded, detergents such as Grezoff or similar can be used. It is always advisable to test any cleaning product on DeckGrip Max before starting the cleaning procedure. This can be done in an inconspicuous area of the installation or, if preferred, a sample can be sent, free of charge for testing purposes.

Using the detergent, warm water and a suitable brush, scrub the areas until clean. The excess water can be removed using a wet/dry vacuum cleaner or suitable absorbable materials.

Where circumstances allow, DeckGrip Max can be power washed without causing harm. Care should be taken when the DeckGrip Max has been stuck down and/or edge sealed as very high-pressure power washing or repeated power washing could cause damage to sealants and adhesives.

General Routine Maintenance

The security of the fixings/adhesive should be checked on a regular basis. Circumstances will vary, based upon the volume of foot traffic etc, but, as a guide, monthly inspections would be advisable.