

Stairtile – Slip-Resistant Flooring

Data Sheet: (sheet 1 of 2) DT/KRO/LB December 2015

Important Note:

When using Stairtile strips on step edges, in order to ensure that the guidance in The Building Regulations 2010: Approved Document M is followed, Gradus recommends a minimum profile width (front to back) of 50mm to ensure a sufficient degree of visual contrast can be achieved (subject to the correct colour being selected to contrast with the surrounding floor finish). Stairtile strips must be set as close to the leading edge of the step as possible. **Note – Stairtile discs are not suitable for use on step edges.**

Installing Stairtile to Existing Substrates

Stairtile Strips – Adhesive & Screw Fixing

1. Router out a channel(s) for the strip to sit in. Channels should be the same width as the strip being used. The depth of the holes should allow the Stairtile to sit flush with the surrounding floor finish, taking into account the adhesive for fixing.
2. It should be ensured that the surface to which the profile is to be fixed is dry, flat and free from any contaminants.
3. Apply, dry, the Stairtile into the channel. Pilot drill through the pre-drilled holes in the Stairtile. Remove the Stairtile from the channel and drill the channel using a 6mm drill bit. Plug the hole drilled into the channel.
4. Apply a proprietary adhesive suitable for the substrate in accordance with the adhesive manufacturer's instructions (see recommended adhesives – page 2). If using Gradus Grip it should be applied to the underside of the Stairtile strip in 5mm wide beads. For profiles up to 70mm wide a bead of adhesive should be applied to each edge of the profile (see Fig.1). For every additional 50mm of profile an additional bead should be applied at even spacing between the outer beads (see Fig.2).
5. Place the Stairtile back into the channel and using a small roller, pass over the Stairtile ensuring it has complete adhesion to the substrate and that there are no trapped air pockets between the product and substrate.
6. Finally, fix into position using the No.8 screws and then insert the supplied caps into the exposed screw holes.

Stairtile Strips – Gradus Grip Adhesive Fixing Only

1. Router out a channel(s) for the strip to sit in. Channels should be the same width as the strip being used. The depth of the holes should allow the Stairtile to sit flush with the surrounding floor finish, taking into account the adhesive for fixing.
2. It should be ensured that the surface to which the profile is to be fixed is dry, flat and free from any contaminants.
3. Apply Gradus Grip to the underside of the Stairtile strip in 5mm wide beads. For profiles up to 70mm wide a bead of adhesive should be applied to each edge of the profile (see Fig.1). For every additional 50mm of profile an additional bead should be applied at even spacing between the outer beads (see Fig.2).
4. Place the Stairtile back into the channel and using a small roller, pass over the Stairtile ensuring it has complete adhesion to the substrate and that there are no trapped air pockets between the product and substrate.

Fig.1



Fig.2



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Data Sheet: (sheet 2 of 2) DT/KRO/LB December 2015

Stairtile Discs

1. Pre-drill the substrate with holes for the discs. The diameter of the holes should be the same size as the disc to be installed e.g. a 25mm hole to fit a 25mm disc. The depth of the holes should allow the Stairtile to sit flush with the surrounding floor finish, taking into account the adhesive for fixing.
2. It should be ensured that the surface to which the profile is to be fixed is dry, flat and free from any contaminants.
3. Apply Gradus Grip adhesive to the perimeter of the underside of the disc in a 5mm bead with an additional dab of adhesive in the centre (see Fig.3). If using an alternative adhesive (see recommended adhesives below) application of the selected adhesive must be actioned in strict accordance with the manufacturer's instruction.
4. Place the Stairtile back into the channel and using a small roller, pass over the Stairtile ensuring it has complete adhesion to the substrate and that there are no trapped air pockets between the product and substrate.

Fig.3



Cast-In Stairtile

Pre-moulded steps (cast in-situ) – OTF Profiles & Discs

1. Use a piece of oiled timber, the same size as the Stairtile profile to be installed.
2. Pour the concrete and, once the concrete is set, replace the timber with the Stairtile.
3. Secure as per the installation instructions on page 1.

Cast-in using moulds – OTD Profiles

1. Stair moulds are used upside down.
2. Place a piece of double-sided tape on the narrow side of the Stairtile profile to secure it in place on the mould.
3. Once the profiles are secured pour the concrete and allow to set.
4. Once the stairs are removed from the mould the double-sided tape can then be removed.

Recommended adhesive products for Stairtile

Gradus Limited provides this information only as guidance and the legal responsibility for the supply and performance of the adhesives listed below shall remain the sole responsibility of the relevant manufacturer.

By providing this information, Gradus Limited does not imply any equivalents between each of the different manufacturers' products, or that other products would prove unsatisfactory. However, use of adhesives not recommended by Gradus should be supported by a guarantee from the adhesive supplier.

Application of the named adhesive must be actioned in strict accordance with the relevant manufacturers' instructions.

If you have any queries regarding adhesives, please contact the adhesive manufacturer directly.

Manufacturer	Product Reference		Contact number	Website
	Interior Dry	Exterior Wet		
Gradus	Gradus Grip	Gradus Grip	+44 (0) 1625 428922	http://www.gradusworld.com
F. Ball and Co. Ltd	F32 / F33 / F60 / F66	F74 / F81	+44 (0) 1538 361 633	http://www.f-ball.co.uk/
Tremco	SP060 / SF115	SF404 / SF165	+44 (0) 1942 251400	http://www.tremco-illbruck.co.uk/
UZIN	WK 222 / KR 421	KR 421	+44 (0) 1788 530 080	http://www.uzin.co.uk/

If any further information is required, please do not hesitate to contact Gradus Technical Services on (+44)1625 428922.