

Gradus Grip - for use with Metal Skirtings

(sheet 1 of 3) AH/KO 01.10.20

Gradus Grip data sheet applicable to the following products:**MAS90 Aluminium Skirtings:** MAS90/10SF, MAS90/8SF, MAS90/6SF**MSS790 Stainless Steel Skirtings:** MSS790/8SF, MSS790/6SF**MAS95 Aluminium Interlocking Skirtings:** MAS95/10SF, MAS95/7SF**MAS97 Aluminium Interlocking Skirting:** MAS97/8SF**Site conditions vary - to ensure that this product is suitable and to confirm that this data sheet is current, please contact our Technical Support department.****Introduction**

Gradus Grip is a rapid curing flexible adhesive with excellent gap filling properties that is suitable for bonding all Gradus Metal Skirtings to most solid surfaces in internal environments. When fixing to suitable solid substrates mechanical fixings may not be required.

Surface Preparation

Prior to application, ensure that all surfaces are smooth, level, sound, clean and free of laitance, dust and contamination. If a levelling compound or repair mortar is required, you must follow the manufacturer's instructions to ensure the material is ready to provide a level and strong surface. The product to be adhered should also be clean and free from contamination such as oil or grease, or anything else that may impair adhesion.

Suitable Substrates:*	Non-suitable Substrates:
Electroplated Metal	Weak, friable, dusty concrete/ screed etc
Concrete / Powerfloat	Asphalt / Bitumen
Floor Smoothing Compounds	Polyethylene / Polypropylene
Repair Mortars (Cement and Epoxy)	Oil / grease contaminated surfaces
Terrazzo / Marble / Ceramics / Engineering Brick	
Fibre Glass	
Plywood / OSB / Chipboard / MDF / Wood	
Plaster / Plaster Board	
Paint/ Epoxy / PU Coatings and Screeds	

*This table is a guide only and you may encounter different substrates and other factors that will affect the suitability such as undulations, flaking paint or weak plaster.

Gradus Grip - for use with Metal Skirtings

(sheet 2 of 3) AH/KO 01.10.20

Application

The adhesive should be applied in straight lines** (parallel with the skirting) by means of a suitable applicator gun. Fix nozzle and cut the aperture to the required width dependent on application. Apply the adhesive to one surface only and then press the two surfaces together within the open time of the adhesive. The high initial grab and rapid strength gain will generally mean that no mechanical fixings are required.

You must refer to and follow the product specific install instructions available at gradus.com before installation takes place.

When bonding skirtings or fixing brackets to metal substrates or other suitably smooth non-absorbent surfaces, first dampen or mist the area with water. Before applying any adhesive, it is important to mist the profile or fixing bracket. This method will help to accelerate the cure time.

MAS90 & MSS790 profiles – Apply the adhesive to the back of the skirting profile in 3mm wide linear beads. The beads should start and finish at least 10mm (but no more than 20mm) from the upper lip at the top, the capped toe at the base and the vertical edges at each end. It's important to make sure the adhesive remains proud to the upper lip of the profile to ensure vertical placement. **See Fig.1**

MAS95 & MAS97 profiles with interlocking fixing brackets – Apply the adhesive to the back of the fixing bracket in 3mm wide linear beads. The beads should start and finish at least 10mm (but no more than 20mm) from the vertical edges at each end and from the top and bottom horizontal edges of the fixing bracket. **See Fig.2**

Note – For areas where heavy impacts with the skirting are anticipated, it is recommended that an additional 3mm bead of adhesive is applied located centrally between the 2 initial beads.

Fig.1

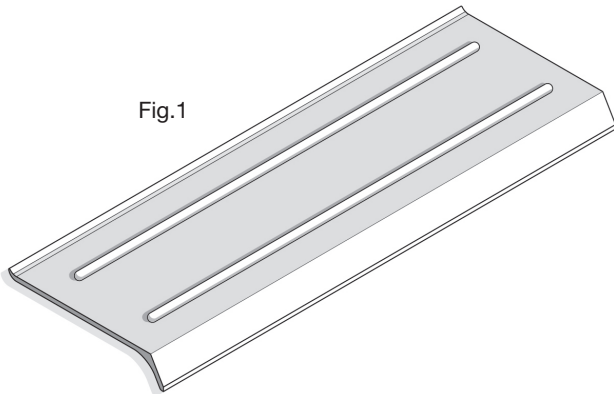
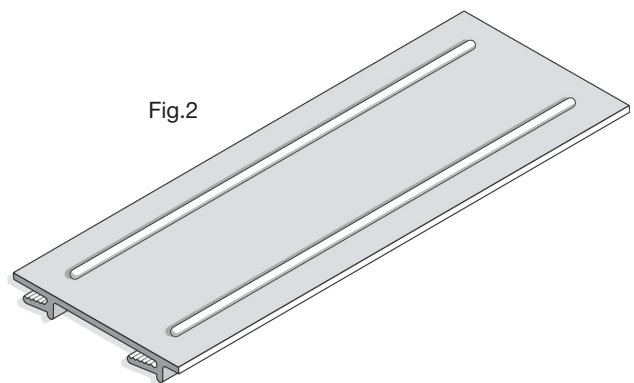


Fig.2



Once the adhesive has been correctly applied, offer the skirting (MAS90 & MSS790 profiles) or fixing bracket (MAS95 & MAS97 profiles) to the wall slightly higher than their intended final position, before sliding down into place and applying pressure to allow the adhesive to spread. Check to ensure vertical placement against the wall and that it sits correctly on top of the floorcovering before pressing firmly against the wall to ensure a full bond. **Do not** place the skirting profile onto the fixing bracket until you have followed the cure time guidelines below and checked the bond is sufficiently secure first.

Cure Time (Absorbent surfaces) – Before opening the area to traffic, allow approximately 1 hour after fitting. The installation should be checked to ensure the bond is sufficiently secure prior to opening the area. For profiles with fixing brackets (MAS95 & MAS97) only place the skirting onto the bracket once you have allowed the suggested cure time and checked the bond.

Cure Time (Non-Absorbent surfaces) – Before opening the area to traffic, allow approximately 2 hours after fitting. The installation should be checked to ensure the bond is sufficiently secure prior to opening the area. For profiles with fixing brackets (MAS95 & MAS97) only place the skirting onto the bracket once you have allowed the suggested cure time and checked the bond.

Gradus Grip - for use with Metal Skirtings

(sheet 3 of 3) AH/KO 01.10.20

Cleaning

Remove any excess wet adhesive from surfaces with a proprietary wipe

Precautions

Temperature – adhesive must be applied onto substrates which are above 5°C and remain so whilst curing takes place.

****Do not snake / wave / zig zag the adhesive beads, as this can significantly reduce bond strength** – always apply in straight (linear) beads.

Thicker beads take longer to cure, however, always ensure sufficient material is applied relative to the installation being undertaken.

The skirting must not be disturbed or moved during the curing period of the adhesive.

Always check the bond is secure before opening the area to traffic.

Technical Information

Colour	White
Consistency	Paste
Open Time @ 23°C and 50% RH	Maximum 10 minutes

Coverage

Tube Size	Bead Diameter	Coverage Per Tube (single bead)
290ml	3mm	38 metres [†]
290ml	5mm	14 metres [†]

Note – Coverage rates will depend on the condition and absorbency of the substrate

[†] Coverage per tube relates to total length of a single bead

Packages

290ml composite cartridge

12 cartridges per carton

Standards

Conditions must comply with the relevant British Standards

Tools

Heavy duty applicator gun (preferably with an 18:1 trigger ratio)

Storage & Shelf Life

Store between 5°C and 25°C. Protect from frost.

18 month shelf life in unopened cartridges stored under good conditions.