

Installation Instructions

Stainless Steel Sheet K130

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Material must be installed in environmentally controlled conditions.

1. The Stainless-Steel Sheet should be stored at room operating temperature for 24 hours prior to installation to allow acclimatisation. During installation, the wall and wallcovering must be 18°C or above for the benefit of the adhesive. The wall must be dry and free of dirt, dust, loose paint, wax and grease. Any coatings applied to the wall to improve cleaning will affect adhesion. All such coatings must be removed. Depending on substrate, priming may be needed.

WARNING: Installing Stainless Steel Sheet in conditions other than the operating temperature of the installation can lead to problems with adhesion.

2. All cutting of the Stainless-Steel Sheet must be carried out prior to delivery to site by a specialist engineering contractor. It is preferable to provide the exact dimensions of the sheet and any required cut-outs at the time of ordering from Gradus. It is important to stipulate orientation of dimensions to ensure matching grain direction.
3. The jointing trim K130JT/2500 is recommended between adjacent sheets. All lengths of K130JT must be cut to length prior to starting the installation and should be slid over the edge of the sheet before applying the adhesive.
4. Owing to the high density of Stainless Steel and consequent high weight of the sheet it is recommended that 2 people always lift and position the sheet.
5. It is important to 'dry fit' the sheet in its final position prior to application of adhesive. Where sheet is not sitting on the floor or on a supporting ledge it will be necessary to install a suitable support to prevent movement until the adhesive has cured. The vertical support can be solid blocks or nails carefully placed in the wall to prevent sliding down the wall, additional supports need to be applied to prevent the sheet peeling away from the wall.
6. The adhesive may be applied to the back of the sheet or to the wall but must always be in accordance with the manufacturer's instructions. Ensure the adhesive is applied to within 5mm of the sheet's edges except around the trims where a clearance of 25mm should be observed.
7. Once the Stainless-Steel Sheet is correctly positioned on the wall, apply an even pressure using a roller across the entire surface. Apply a suitable support against the sheet to prevent peeling until adhesive has cured - 12 hours.
8. Once adhesive has cured seal with silicone sealant. When using silicone sealant, it is essential to ensure the joint and immediate area is clean and free of dust and debris.

Fitters Tips: Always use a laser level for defining alignment.

Handling :To avoid damage to the surface of the Stainless-Steel Sheet, some care is needed in handling. This includes:

- Do not remove the protective film from the surface of the Stainless-Steel Sheet until it has been installed.
- Avoid allowing hard or sharp objects or surfaces to scrape against the Stainless-Steel Sheet.
- Do not allow other metals to remain in contact with the Stainless-Steel Sheet to avoid galvanic corrosion.
- Upon completion of installation, all surfaces should be checked and thoroughly cleaned to remove any adhesive or spot marks. (Remove excess adhesive with methods and materials recommended by the adhesive manufacturer).

Recommended adhesive products for Stainless Steel Sheet

The adhesives listed below have been tested and approved to give satisfactory bonding of Stainless-Steel Sheet to the substrate. Use of alternative adhesives can lead to inferior adhesion performance.

Application of the named adhesive must be actioned in strict accordance with the manufacturer's instructions. If you have any queries regarding adhesion, please contact the adhesive manufacturer directly.

	Manufacturer	Product Reference	Contact number	Website
1	Gradus	WGP65	+44 (0) 1625 428 922	http://www.gradus.com
2	Gradus	WGE1	+44 (0) 1625 428 922	http://www.gradus.com

Finishing Accessories

Product Reference	Description
K130JT/2500	Jointing trim
M581/ALI	Silicone Sealant