

SPECIFICATION NO	DESCRIPTION	DATE
PS		OCTOBER 2025

ARCHITECTURAL SPECIFICATION/BOQ

SPECIFICATION:

Supply and install Gradus SureProtect Endure 1.5mm thick x 2.44m x 1.22m protective sheeting manufactured from impact resistant PVC-u which is through-coloured and textured to conceal the effects of impact and abrasion, easy to clean and provides a cost-effective way to reduce maintenance costs and maintain the appearance of a building, available in 35 colours with a selection of finishing options available for vertical joints and capping including a PVC-u universal finishing trim, colour matched silicone sealant, can be used in sheet form for total wall coverage, or can be cut into rub rails or kickplates, or into bespoke designs, can also be thermoformed to produce bespoke profiles such as corner guards, column guards or door edge and door frame protectors

Colour:

Code:



INSTALLATION:

Preambles:

- A mock-up room is recommended prior to commencement of the project to ensure profiles are installed according to Polysales installation guidelines.
- Material must be installed in environmentally controlled conditions.
- Identify your substrate (cement, brick, drywall as there are different installation methods and materials for each.
- Identify the paint applied to your substrate as this may impact on the adhesive to be used.
- Ensure the smooth side receives the recommended adhesive and is adhered to the wall. The embossed side is the visible side.

BUILDING ENDURING VALUE

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Allow the SureProtect Endure sheet to lie flat at room operating temperature for 24 hours prior to installation. During installation, the wall and wallcovering must be 18°C or above. The wall must be dry and free of dirt, dust, loose paint, wax, and grease. Any coatings applied to the wall to improve cleaning may affect the adhesion. All such coatings must be removed. Dependent on substrate, priming may be required. If fitting over a floorcovering that runs up the wall, then it is crucial that it is properly adhered to prevent a wave effect at the bottom of the sheet.

Substrates: (Please see below for recommended products)

Aluminium: Apply Polysales approved contact adhesive onto both surfaces, allow to become tacky, adhere SureProtect Endure to aluminium, apply pressure to ensure adhesion.

Drywall: Prime drywall surface with paint primer, apply Polysales approved contact adhesive, allow to become tacky, adhere SureProtect Endure to drywall or install with Den Braven Hi Tack (follow supplier instructions). Apply pressure to ensure adhesion.

WARNING:

Installing SureProtect Endure sheet material in conditions other than the operating temperature of the installation can lead to problems of 'bubbling' or shrinkage.

A universal finishing trim (SPEUFT) may be used as part of the installation for joining or finishing. When doing so, cut each item to the appropriate length using a utility knife and slide them onto the sheet prior to applying adhesives.

If cutting is required score the sheet using a heavy-duty utility knife & straight blade and cut through using a hook blade. Cut the Endure sheeting to the required size. Before applying Polysales recommended adhesive, prime the surface with Polysales recommended primer using a paint roller and allow to dry. Apply Polysales recommended adhesive using a paint roller to both surfaces and allow to become tacky before bonding the two together. Seal with silicone sealant or use the universal finishing trim. When using silicone sealant, it is paramount to ensure the joint and immediate area is clean and free of dust and debris. When a butt joint is used, leave a 2 to 3mm gap between sheets to allow for expansion.

With all methods, after the sheet is on the wall, apply even pressure with a roller. Roll the entire surface to ensure proper bonding.

Fitters Tips: Always use a laser level, a sharp blade, a good straightedge to score along and a multi-tool for cutting out tricky parts such as plug sockets and pipework.

MAINTENANCE:

A regular scheduled maintenance programme should be employed to prevent the build-up of dirt and grease, which will detract from the overall appearance of the product and can lead to the spread of germs and bacteria.

Apply a neutral cleaner to a micro fibre cloth and wipe the surface of the profile. When cleaning handrails, particular attention should be paid to the underside of the handrail as this is where dirt and grease can build up.

The cleaned surface should then be 'rinse wiped' using clean water and then thoroughly dried using a soft cloth. This ensures all cleaning residue is removed.

Abrasive cleaners, solvents, or cleaning pads (e.g., Thinners, Turpentine, Handy Andy) should NOT be used as they will damage the profile surface.