



GENERAL DESCRIPTION

A solvent free adhesive suitable for use with all STORM PVC cladding materials.

STORMGRIP is a two-part polyurethane, general purpose, weather resistant, gap filling adhesive suitable for bonding a wide range of construction materials in both interior and exterior applications. Ideal for hygiene cladding.

PHYSICAL DATA

Base	Polyurethane
Viscosity @ 20°C	Part A: Paste approximately 3850 poise Part B: Low viscosity liquid
Specific Gravity @ 20°C	Part A: 1.70 – 1.73 Part B: 1.21 – 1.23
Chemical Resistance	Resistant to water, dilute acids and alkalis and aliphatic oils
Solvents	None
Flammability	N/A
Service Temperature	-40°C to +130°C
Application Temperature	Minimum +10°C Maximum +30°C
Storage Life @ 25°C	6 months in unopened containers. Store between 5°C and 25°C

APPLICATION

Preparation

Surfaces must be clean, dry and free from any contaminants liable to impair adhesion. New build structures should be allowed to dry out for at least 6 weeks prior to applications of STORMGRIP and should then have a moisture content on the surface and in the core of less than 14%. Very porous substrates may be sealed with a dilution of PVA. Ensure that the PVA is completely dried out (at least 8 hours) prior to application of STORMGRIP. All materials should be allowed to acclimatise for at least 24 hours before bonding. The sheeting, air temperature and substrate should all be close to the final operational temperature of the building prior to application to avoid stresses from expansion of the plastic sheeting.

Method of Application

STORMGRIP is supplied as a 6.5kg pack. The mix ratio 12:1 by weight. Normally, Part A is contained in a 5L bucket and part B in a sealed packet. Once mixed the pot life is 10 minutes @ 20°C (longer at lower temperatures) and so the substrate application should be complete before mixing. Add all of part B to the part A and stir until a uniform colour is achieved ensuring that the sides are scraped down often during mixing. When mixed, apply adhesive to the entire sheet to achieve 100% even coverage using a 6mm notched trowel and apply the sheet immediately to the substrate smoothing outwards from the centre. Flat plastered walls can have a 4-5mm notched trowel. Leave to cure for at least 4 to 6 hours before removing the protective film.

BONDING/PRESSURE RANGE

Apply pressure as necessary to hold the substrates in contact until curing has occurred. Allow 4-6 hours for full cure (longer if temperatures are below 15°C). Mixed adhesive should be used within 30 minutes.

COVERAGE

For cladding walls with PVC sheeting, use 1 x 6.5kg tub per 1220mm x 2440mm sheet.

IMPORTANT NOTICE

Data contained in this document is for information only and is believed to be reliable. Southgate Plastics Ltd cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and we are pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information. The hazard label (complying with the latest CDG/CPL regulations) applied to the container. Material Safety Data Sheets, Part A and Part B.

FREQUENTLY ASKED QUESTIONS

What is STORMgrip?

STORMgrip is a 2-part polyurethane adhesive.

What is STORMgrip used for?

STORMgrip is used for bonding large sheets of plastic to wall surfaces.

What is the best thing about STORMgrip?

The best thing about STORMgrip is its high strength and is available in 6.5kg tubs

Why should end users use STORMgrip instead of a competitors?

End users use STORMgrip instead of competitors as it is a high quality, high strength branded product and comes in large tubs and readily available from stock.

Who are the type of customers that commonly use STORMgrip (which industries/sectors/job types)

Cladding/building/maintenance contractors would be the type of customers that would commonly use STORMgrip.

Where is STORMgrip most commonly installed?

STORMgrip would be most commonly installed in commercial kitchens and washrooms and health authorities.

When should STORMgrip be considered? When should it be installed?

STORMgrip should be considered when a large area of hygienic sheeting needs installing. STORMgrip can be installed all year round as this is an internal use product.