

## Polarex 2-Part Adhesive

Polarex 2-Part Adhesive is a two part, solvent free, general purpose adhesive to be used with any Polarex extruded semi-rigid PVC (PVC-U) Hygienic Wall Cladding sheet. The Polarex 2-Part Adhesive consists of an off-white coloured paste base (Part A) and a dark brown liquid curing agent (Part B). When combined they form a resilient bond which is resistant to water, solvents and heat, making it ideal for bonding plastics. The Polarex 2-Part Adhesive has a Polyurethane base and shelf life of 6 months at a temperature of 5°C – 25°C.

### Product Features

Attribute	Value
Base	Polyurethane
Contains	Polypropylene Glycol (non-hazardous under normal conditions of handling and use)
Solids	100%
Viscosity	(A) Thick Paste (B) Liquid
Colour	(A) Off-White (B) Brown
Tack Life	N/A
Coverage	4m <sup>2</sup> /litre @ 0.25mm
Cleaner	Solvent 3 (whilst uncured)
Flash Point	See MSDS
Storage	Store in a cool, well-ventilated area, keep container tightly closed
Shelf Life	6 months @ 5°C – 25°C
Chemical Identity	Diphenylmethane Diisocyanate (Isomers and Homologues)
Warning	Contamination with moisture will degrade both Part (A) and Part (B) and could generate pressure in sealed containers

### Application

Ensure both surfaces are clean and free from debris. Mix 8.3 parts of Part (A) with one part of curing agent Part (B) by weight, and mix thoroughly. Once mixed, the adhesive has a shelf life of approximately 75 minutes at 20°C and cures sufficiently for most purposes in 6 hours when exposed in an area with the temperature of 20°C.

Apply the adhesive to one substrate only by means of a trowel, spatula etc. The two substances must be bought together as quickly as possible and held under pressure until the adhesive has sufficiently cured.

Please note: Full cure is not achieved for 24 hours or more depending on the temperature of the environment.