

REF: 5151DS  
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## PU5151 TWO PACK THIXOTROPIC WALL PANEL ADHESIVE

### DESCRIPTION

PU5151 is a two pack universal adhesive developed for providing weather and water resistant bonding to a wide variety of substrates. The adhesive gives excellent bonds with wood, metals, stone, concrete, ceramic tiles, expanded polystyrene, rubber and laminated plastic. It has been developed to bond PVC cladding sheets to the substrates mentioned above. The end user should however check the bond to each new substrate.

### PRODUCT FEATURES

One way stick:	The adhesive need be applied to one surface only.
Strong, resilient bonds:	Besides the diversity of materials that can be bonded, the cured adhesive exhibits excellent resistance to heat, cold, moisture and solvent.
Ease of application:	The adhesive is easily applied with a notched trowel or putty knife.

### PRODUCT APPLICATION

Materials to be bonded must be free from surface contamination, e.g. dust and grease, etc. Roughen smooth surfaces to provide key.

Stir the adhesive before use to ensure uniformity.

At a ratio of 1 part by weight of PU5151 Part B (Hardener) to 12.5 by weight of PU5151 Part A (Resin) mix until a mass with a uniform colour is obtained. The mixed adhesive remains workable for 30 - 40 minutes, depending on the ambient temperature and the quantity of the mix.

Apply the adhesive using a notched trowel to one surface only.

Assemble the bond and hold as necessary whilst adhesive cures.

Remove excess adhesive immediately.

At a room temperature of 20°C handling strength is obtained in about 5 hours. Do not use the adhesive in temperatures below 5°C.

Full cure is achieved in 48 hours, dependant on temperature.

## TYPICAL SPECIFICATION

	PART A (RESIN)	PART B (HARDENER)
Colour:	Off white Paste	Brown Liquid
Solids:	100%	100%
Viscosity at 23°C:	Thixotropic	225 – 375 mPa.s
Ratio (wt)	12.5	1
Working Time:	110 minutes	
Full Cure*:	48 hours	
Coverage:	1 x 6.5kg pack will bond 4 sqm at 1.0mm thickness	
Cleaner:	NF5 or FS6	

\*at 18°C 50% RH and 1kg mix

## STORAGE

Stored in unopened original containers, PU5151 Part A and PU5151 B, unpigmented will have a shelf life of one year. Please contact the Technical Department. Store between 5 and 25°C.

Once opened, containers of PU5151 Part B (Hardener) should be used within 10 days.

## HEALTH & SAFETY

PU5151 Part A (Resin) is not classified as a dangerous substance; however, the wearing of goggles is to be recommended.

PU5151 Part B (Hardener) contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases on contact with eyes, flush out with excess water and seek medical attention. Wear goggles.

## ADDITIONAL PRECAUTIONS

Use industrial safety gloves.

Use suitable eye protection.

Before use, ensure that you have read the relevant Health & Safety Data Sheets for this product.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service. This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.