

CI/SfB		Yt4	
CAW P22			
Uniclass L6754:P7112			

Description

PU515 is a low modulus, one part, moisture curing polyurethane, liquid polyurethane wood adhesive.

Colour

White. Other colours available subject to min order quantity and lead time.

Packaging

600 ml sausage packs (20 per case).

Technical Information

Characteristic	Standard	Classification
Composition		One part moisture curing polyurethane
Specific Gravity		1.28
Consistency	Boeing Jig	Non-sag
Skin Forming Time	at +23 °C, 50 % RH	40 minutes
Cure Rate	at +23 °C, 50 % RH	4 mm / 1st day 10 mm / 6 days
Tensile Strength	ISO 8339	0.26 MPa
Ultimate Elongation	ISO 8339	634%
Modulus at 100 %	ISO 8339	0.13 MPa
Hardness Shore A		15
Elastic Recovery	ISO 7389	89%
Service Temperature Range		-40°C to +90°C
Movement Capability	ISO 9047	+100% / -50%
Storage	Store in dry conditions between +5°C and +25°C. The storage temperature should not exceed +25°C for extended periods of time. Keep away from heat sources.	
Shelf Life	12 months when stored as recommended in original unopened containers	

Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Joint Design Considerations

- Joints should be designed in accordance with BS 6093.
- For the purposes of joint width calculation in BS 6093 the MAF of PU515 is +100% to -50%.
- For optimum performance, the width to depth ratio of PU515 should be 2:1 subject to a minimum depth of 10 mm on porous substrates and 6 mm on non-porous substrates.
- A maximum depth of 15 mm should be maintained for joint widths of 30 mm or more.
- Sealant width should never be less than sealant depth.
- For fillet joints the minimum bite onto each surface should be 10 mm for porous substrates and 6 mm for non-porous substrates.

Preparation



PU515

Polyurethane Elastomeric Sealant

Usage / Purpose

PU515 is a high performance sealant. It is ideal for use in a range of demanding construction applications.

PU515 is particularly suitable for sealing dynamically moving joints in precast concrete construction and curtain wall joints.

It is ideal for sealing wide vertical joints up to 100 mm, and for perimeter caulking of windows, doors, panels, etc. Compatible with most building materials such as concrete, brickwork, natural and artificial stone, steel, aluminium, wood, ceramic tiles, rigid plastics, etc.

Key Benefits

- Ideal for use in high movement, high performance joints up to +100 % / -50 %
- Excellent resistance to weathering, ageing and the effects of UV exposure
- Easy to use: Single component and rapid curing, with no primer required in most applications
- Meets the requirements of BS EN ISO 11600 F-25LM, DIN 18540 F, SNJF elastomère 1ère cat and CAF approved