

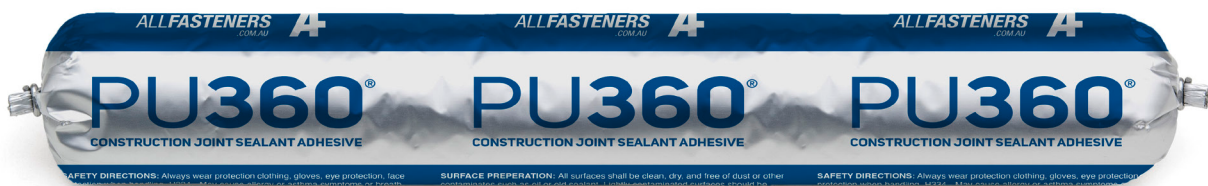
PU360 CONSTRUCTION JOINT SEALANT & ADHESIVE

POLYURETHANE



SKU: 10PU360

Construction PU360 Sealant is a one-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.



FEATURES & BENEFITS

- Possesses permanent elasticity
- No sagging – Thixotropic
- No surface tackiness after full cure.
- No shrinkage
- Enhanced storage stability
- Can be applied with hand gun and tooled easily
- Paintable
- Cures bubble-free
- 25 % movement capability
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Lowemitting products” of SCAQMD rule 1168.
- A+ VOC emission rating according to French A+ regulations.
- CE marked for EN 15651 for façade applications.

APPLICATION

- Expansion joints between many different construction materials
- Bonding of roof tiles
- Installation of PVC window frames
- Connection joints between wood window- and doorframes and walls
- Joints between prefabricated construction materials
- Sealing and bonding of ventilation ducts, gutters and spouts etc.
- For expansion joints between pre-cast concrete panels
- Meets the requirements of ISO 11600 F 25 LM

SKU	Item	
10PU360BK	PU360 Construction Joint Sealant Adhesive Foil Sausage 600ml Black	20
10PU360GY	PU360 Construction Joint Sealant Adhesive Foil Sausage 600ml Grey	20
10PU360WH	PU360 Construction Joint Sealant Adhesive Foil Sausage 600ml White	20



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INSTALLATION INSTRUCTIONS

- Before application, be sure that joint surfaces are clean, dry and free of all contamination
- Apply sealant evenly, If necessary, use masking tape and remove the tape while the sealant is still soft.
- Joint width/depth ratio should be 2:1 (Table 1)
- If necessary, use back up material to adjust joint depth
- Sealants should adhere to only two surfaces of the joint: Use backer rods and bond breakers to facilitate.

Joint width / depth ratio 2:1 consumption (approx.)

Joint Width	Joint Depth	Joint Length / 600ml
15mm	8mm	5m
20mm	10mm	3m
25mm	12mm	2m
30mm	15mm	1.3m
35mm	15mm	1.1m

Storage & Shelf Life:

15 months if stored in its original package, away from direct sunlight and moisture, between +10 °C and +25 °C

Restrictions:

- Avoid application below 5 °C and above 40 °C.
- Do not apply on frozen or wet surfaces or through standing water.

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TECHNICAL PROPERTIES

Before Curing

Basis:	Polyurethane
Consistency:	Thixotropic
Curing Mechanism:	Moisture Curing
Density:	1.20 ± 0.03 g/ml
Tack free time:	30-60 min (23°C and 50% R.H)
Curing Rate:	Min. 2.00 mm/day (23°C and 50% R.H)
Sagging:	0 mm (EN ISO 7390)
Temperature Resistance:	-40°C to +70°C
Application Temperature:	+5°C to +40°C

After Curing

Hardness Shore A:	25-30 After 28 days
Paintability:	Yes*
Elastic Recovery:	≥ 70% (ISO 7389)
Movement Capability:	25%

*Considering the diversity of paint base and quality, compatibility tests should be done before application.

Glass - Glass

Elongation at break:	Min. 120%	(ISO8339)
E100 Modulus (23°C):	0.30-0.40 N/mm2	(ISO8339)
E100 Modulus (-20°C):	≤ 0,60 N/mm2	(ISO8339)

Dumble Test

Elongation at break:	≥%700
Tensile Strength:	1.0-1.5 N/mm2

Important Note: Whilst all reasonable care is taken in compiling technical data on the Company's products, all information, recommendations, or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable, and that in the light of our continual research and development programme the information relating to each product has not been superseded. Allfasteners, its agencies and employees, disclaim any and all liability in respect of anything or the consequences of anything done or omitted to be done in reliance upon the whole or any part of this document.

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