

Aftek Flex-Pro PU Sealant 600ml

Product Images



Short Description

Aftek Flex-Pro PU 600 ml sausage. Flex-Pro Polyurethane Sealant is suitable for a wide range of construction substrates. It is fast curing, has a short skinning time, low VOC content and is designed for use in a wide range of construction situations.

Description

Flex-Pro PU is a one component high performance construction joint polyurethane sealant/adhesive with high mechanical strength and excellent resistance to weathering. It is a fast curing high modulus sealant which cures to form a flexible and durable high strength watertight seal. It has a short skinning time, low VOC content and is designed for use in a wide range of construction applications such as expansion joints, window sealing, sealing penetrations and more.

Features:

- Class A Sealant – Total Joint movement total 50% ($\pm 25\%$)
- Low VOC 35 G/L
- Non Hazardous classification (NOHSC & ADG code / Aust Safety & Compensation Council)
- Good adhesion on both porous and nonporous substrates
- Excellent durability and good weathering resistance
- Non-sag on vertical and expansion joints up to 30 mm width
- Short skinning time

Ideal for:

- Construction joints
- Expansion joints on heavy and light precast concrete panels, and in buildings
- Joints in precast & tilt up concrete panels
- Perimeter sealing around window and door frames
- Curtain walls
- Sealing of penetrations in walls or floors
- Adhering aluminium composite panel to cement sheet, concrete or masonry

APPLICATION

Surface Preparation:

All substrates should be clean, sound, dry, dust, wax, oil and grease free. In most cases, no primer is required.

Placement:

Using an applicator gun, extrude the Aftek Flex-Pro PU into the joint ensuring that no air is trapped in the joint. Wide joints will require more than one pass of the application gun to make sure that sealant is in full contact with the sides and bottom of the joint. Tooling-off the sealant will assist by forcing the sealant into the joint against its sides and back up material, this will also break any air bubbles and expose any air pockets. Finally tooling of the joint surface can be done effectively with a tooling of spatula. When masking tape is used for neatness make sure the tape is removed from sides of joints before the sealant starts to skin over or cures. Always allow sufficient surface exposed to moisture. In conditions of low atmospheric humidity, it is advisable to spray the surface with a fine mist of water to promote early skinning once joint is finished.

Clean up:

Clean up uncured sealant from tools after first scraping excess off with scraper then by rag or paper towel. Acetone can be used to remove thin film from tools, (if need). Cured material can only be removed by mechanical clean up.

Storage:

Typically 12 months unopened packaging in a cool and dry storage area.

Yield:

One 600ml sausage will give approximately 3.9 linear metres in a 12 x 12mm joint; or 1.3 linear metres in a 30 x 15mm joint.

Additional Information

CODE	40-AFFPPU
U.O.M	Each
Colour	White
Suits Substrate	Aluminium, Brick, Ceramics, Concrete, Glass, Marble, Steel, Stone, Timber
Brand	Aftek
Size	600 ml
Min Working Temp	-40 degrees Celsius
Max Working Temp	+80 degrees Celsius
Gel Time / Skin Time	Skins in 90-150 minutes at 23 degrees Celcius
Cure Time	3mm per 24 hours at 23 degrees Celsius (typical)
VOC Content (Volatile Organic Compounds)	35 g/L
Modulus	44psi / 0.3MPa at 100% Elongation
Shore A Hardness	25

