



# SEALBOND H10 PU

Advanced One - Component Polyurethane Sealant

Sealbond H10 PU Polyurethane is a one component, gun-grade, Non-sag, moisture-cure polyurethane sealant designed to skin and cure rapidly. This high performance product is designed with outstanding UV resistance and long term durability.

## USES

- Sealant is designed to seal construction joints.
- To Seal Waterproof rivet seams and roof rails.
- To Seal Perimeter joints around windows and doors.
- Sealing corner moldings, fabricated roof-lap seams, bumper assemblies and body-to-cab joints in motors homes.
- Sealing door hinges, skylights and portholes.
- Sealing Air conditioning equipment, flashing and gutters.

## FEATURES

- Paintable
- Single component & Convenient Packing
- Movement accommodation factor  $\pm$  30% excellent adhesion without Printing
- Highly resistant to sea water, diluted acids on alkalis.
- odour less      UV Resistant / Fast Curing
- Low VOC      Stable@temp-40°C to 200°C

## ADVANTAGES

- Accommodates 30% joint movement
- Permanently flexible, excellent weather ability
- Easy to gun - Easy to tool
- Cures to a tough, durable, elastic consistency with excellent cut and tear resistance
- Paintable - non-sticky after cure

## APPLICATION INSTRUCTIONS

Sealbond H10 PU meets or exceeds the requirements of the following specifications:  
 ASTM C 920 Type S, Grade NS, Class 25. Us Federal Specifications TT-S-00230C, Performance Criteria BS4254, BS5215 & BSEN 11600

TECHNICAL DATA	TEST METHOD	TYPICAL VALUE
Skin Over Time		
Tack Free Time	ASTM C-679-87	>25 -35 mins.
Shrinkage, %		1 hours.
VOC, (g/L)	USEPA - 24	<5
Flow (sag or slump)	ASTM C-639-01	Non Sag
Hardness: Shore A	ASTM D-2240-97	30 $\pm$ 3
Movement Capability, %	ASTM C-719	$\pm$ 30
Peel Strength (N), concrete	ASTM C-794-93	>30
Tensile Strength (N/ mm <sup>2</sup> )	ASTM D-412-98a	1.3
Elongation at break	ASTM D-412-98a	>800%
Effects of Accelerated Aging @ 300 hrs. UV exposure	ASTM C-793	No deterioration
Application Temperature (°C)		+5 to +40
Service Temperature (°C)		-40 to 200