

## Description:

### **Hyload Structural Sealant**

A non-slump, self fixturing, moisture curing, polyether adhesive sealant.



## Product Highlights:

- Recommended to adhere all Hyload membranes to concrete and other Hyload membranes when hot air welding is unable to be utilized.
- Designed for damp, dry, or cold climates.
- Solvent free and contains no isocyanates.
- Will not shrink upon curing.
- Will not discolor when exposed to UV light.
- Will not out-gas or bubble on damp surfaces.
- Capable of joint movement in excess of 25% in both compression and extension.
- Can be applied in temperatures as low as 32 degrees F
- Skins over in 20 Minutes
- Paintable within 24 hrs.
- V.O.C free
- **For specifics consult the Hyload Technical Department.**

## Applications:

- Detailing
- Roofing Membranes
- Waterproofing membranes
- Masonry flashing Membranes
- Expansion Joints
- Cove Joints
- Parapets
- Weather Sealing
- Window and door Jams

## Packaging:

- 10.1 oz. tubes
- 20 oz. sausages
- 2 gallon Pails
- Black, White, and Gray colors

## Substrates:

- ALL Hyload Membranes.
- Wood
- Metal
- Concrete, Block, and Masonry
- Glass
- Stainless Steel

**Applicable Performance Standards:**

- ASTM C690, Type S, Grade NS, Class 25, Uses NT, T<sup>1</sup>,M,G,A &O
- Federal Specification TT—s-00230-C Type II, Class B
- Corps of Engineers CRD-C-541, Type II, Class B
- Canadian Standards Board CAN 19, 13-M82

**Performance and Physical Properties:**

Shear Strength	380 psi	ASTM D1002
Elongation at break	290%	ASTMD412
Hardness Shore A	45	ASTM C661
Tack Free Time	20 min +/- 10 min	45 +/- 5% R.H.
Tensile Strength	330 psi	ASTMD412
Slump	Zero Slump	
Shrinkage	No visible shrinkage after 14 days	
Viscosity	1,200,000 cp +/- 400,000 cp	Brookfield RVF TF Spindle, 4 RPM, 73° F (23° C)
Service Temperature	-40° to 200° F (-40° C to 93° C)	
Density	11.8 +/- 0.2 lbs. per gallon	ASTM D1475

**Limitations:**

- Horizontal applications will require tooling
- In areas where prolonged chemical exposure contact Hyload Technical services.
- Do not store in elevated temperatures
- Remove all coatings and sealers before application
- Does not bond to Kynar 500® PVDF coated metals

**Cure Time:**

- Initial 24 Hrs.
- Full 7 Days



**Warranty:**

Hyload makes available to its customers several high performance product warranties. Contact Hyload's Corporate Office directly for details. A standard warranty is 10 years.