

ROOFING

TECH DATASHEET

STRUCTURAL SEALANT

Hyload Roofing Structural Sealant is a non-slump, self fixturing mastic that cures with exposure to atmospheric moisture to form a durable rubber bond.

Hyload Roofing Structural Sealant will covalently bond to Hyload membranes. It is tough, elastic and waterproof. It will also bond aggressively to steel, aluminum, masonry, ceramics, Styrofoam, PVC, modified bitumen, EPDM, many coated and/or primed metal surfaces including some Kynar coated metal finishes, glass, FRP, wood, and most engineering plastics.

Hyload Structural Sealant is to be used where ever sealant/caulk is required in a Hyload Roofing and Flashing specification.

Hyload Roofing Structural Sealant is available in black or white.

HYLOAD ROOFING STRUCTURAL SEALANT CONTAINS NO VOLATILE ORGANIC SOLVENTS. NO VOC'S.

PHYSICAL PROPERTIES

Property	Results
Specific Gravity	1.08 (9 lbs/gallon)
Viscosity	700,000 cps @ 70F (Brookfield RTV,TFspindle,4 rpm)
Color	Black
Odor	Mild mint when wet, odor

PERFORMANCE PROPERTIES

Property	Test Method	Results
Shear Strength	ASTM D1002	300+ psi (7 day ambient cure)
Elongation @ break	ASTM D412	300%
Hardness Shore A	ASTM C661	50 - 55 (14 day ambient cure)
Tack free time	ASTM C679	25 minutes
Low temperature flex	-20F	Pass
Slump (sag)	ASTM C639	Zero
Shrinkage	ASTM D2453	No measurable shrinkage
Service Temperature	-40F to 200F	

HYLOAD
ROOFING SYSTEMS

HYLOAD, INC.

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