

# DURASIL™

**DURASIL** is a one-part, neutral cure, silicone sealant with an unusual capacity to recover from large extensions and compressions.

Upon curing, **DURASIL** forms durable, flexible watertight bonds to masonry, glass, metals, woods, ceramic and most common roofing materials.

## Physical Properties

Specific Gravity	1.29
Viscosity	600,000 cps Brookfield RTV, TF
Color	Clear Translucent
Odor	Slight Amine odor

## Performance Properties

Adhesion-in-peel, lb/in, aluminum, glass, concrete	20-25	ASTM C794
“ “ “ “ Masonry	20 pli	“
“ “ “ “ Aluminum	22 pli	“
“ “ “ “ EPDM	9-11	“
“ “ “ “ PVC	12-15	“
Ultimate elongation @ break %	400-600	ASTM D412
Hardness Shore A	18-20	ASTM C661
Tack free time	25-30 min.	ASTM C679
Low temperature flex	Minus 20°F	PASS
Slump (sag)	Zero slump	
Shrinkage	No measurable shrinkage (14 day cure)	
Service temperature, cured bead, F	Minus 80°F to 400°F	ASTM2453

**APPLICABLE STANDARDS:** **DURASIL** meets the requirements of Federal Specifications TT-S001543A, Class A; ASTM C 920-87 Type S, Grade NS, Class 25, Use NT, G, A, M, and O; Canadian Specifications CAN/CGSB11111.19. 13M87.

**DURASIL** is not recommended for non-granulated APP Modified Bitumen, Hypalon, and TPO thermoplastic olefin substrates. On APP smooth, install a granulated target.



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**EAST COAST ROOF SPECIALTIES**

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