



MasFlex

WG50

HYBRID SEALANT

MasFlex WG50 is a high performance hybrid sealant, offering maximum durability for use in many interior or exterior conditions. The product's flex technology allows for $\pm 35\%$ joint movement, providing a flexible, durable bond.

DIRECTIONS FOR USE

For best results, prepare a clean surface. Cut nozzle to desired bead size. Apply with caulking gun, forcing sealant onto the substrate, then tool if needed. Clean excess material with water.

SURFACE PREPARATION

The substrate must be clean, frost free and free of any oils, greases or incompatible sealers that may interfere with adhesion. Do not apply if surface is contaminated. It is recommended to test all substrates prior to applications.

STORAGE/SHELF LIFE

Be sure to rotate inventory accordingly. Materials must be properly stored in a low humidity ($< 50\%$ RH) environment at room temperature ($73 \pm 2^\circ\text{F}$) in their unopened container. Do not freeze. Use within 10 months from date of manufacture.

CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 20 minutes @ 70°F / 50% RH
Tack Free Time	Internal Method	< 45 minutes @ 70°F / 50% RH
Cure Rate	Internal Method	1/4" Bead in 72 Hours
VOC	EPA Method 24	< 22 g/L, less water and exempt solvents
Movement Capacity	ASTM C719	$\pm 35\%$
100% Modulus of Elasticity	ASTM D412	50 - 100 psi
Shore A	ASTM C661	30 ± 5
Tensile Strength	ASTM C719	115 - 165 psi
Tear Strength	ASTM D624	48 lbf
Staining	ASTM D2203	None
Sag/Slump	ASTM D2202	Minimal; $< 0.2"$
Service Temperature	Internal Method	-20°F - 250°F
Viscosity	RV T-E @ 4 rpm	Approx. 1,300,000 cP
Density	Internal Method	Approx. 13.5 lbs./gal



FEATURES

- BONDS TO WET SURFACES
- AGGRESSIVE ADHESION
- NO SOLVENTS
- LOW VOCs
- PAINTABLE

APPLICATIONS

- GENERAL CONSTRUCTION
- WINDOW & DOOR
- INTERIOR & EXTERIOR USE
- SIDING
- ROOFING