

DuPont Weatherization Sealant

PHYSICAL PROPERTIES DATA SHEET AND APPLICATION INSTRUCTIONS

ALL CLIMATE FORMULATION

PROPERTIES	METHOD	DUPONT WEATHERIZATION SEALANT
Extrusion Rate	ASTM C-731 (g/sec) (75°F, 50% RH)	8-25*
Joint Movement	ASTM C-793 (%)	± 25
Wet Peel Adhesion	ASTM C-704 [Aluminum] (Cohesive Failure) [Glass] (lbs/linear inch) [Cement]	20 – 28 25 – 28 14 – 24 (Substrate Failure)
Channel Slump/SAG	ASTM C-639	None
Tack Free Time/Skin Time	ASTM C-679 (mins)	60
Hardness	ASTM C-661	13 ± 2
Tensile Strength	ASTM D-2370 (PSI)	> 150
Elongation	ASTM D-2370 (%)	> 800

PERFORMANCE STANDARD	METHOD	DUPONT WEATHERIZATION SEALANT
AAMA	808.3 Compliant	Pass
ASTM	C-834 Type OP	Pass
ASTM	C-920 Class 25	Pass

These values represent batch averages. Individual batch results may differ due to normal manufacturing variations.

*Normal application temperatures above 32°F to 120°F (480 - 1500 g/min).



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DuPont Weatherization Sealant Application Instructions

Recommendations:

- A: For best results bonding surfaces must be clear and clean of all debris, dirt, oil, grease, old caulk and other contaminants.
- B. For gaps greater than 1/2" wide and deeper than 1/4", consider the use of backer rod or bond breaker tape.
- C. Apply product only when sealant and surface temperatures are above freezing and rising.
- D. Do not apply on surfaces greater than 120°F.
- E. Do not apply if rain is expected and area to be sealed is exposed to the rain.
- F. Cured sealant bead should be between 1/8" and 1/2" wide.
- G. One tube of sealant will deliver 56 feet of a 3/16" bead.

Procedure:

1. Clean surfaces to be caulked to ensure proper adhesion.
2. For larger gaps insert backer rod or bond breaker tape into the gap to be sealed.
3. Insert the caulk tube into the caulk gun.
4. Using a knife or similar cutting device cut the dispensing nozzle at a 45° angle.
5. While slowly squeezing the caulk gun trigger, gently push the sealant nozzle along the gap to be sealed. Ensure complete contact is made on both surfaces being sealed.
6. If desired, use a clean moist cloth to smooth the sealant bead.
7. When finished clean tools with soap and water.
8. Allow 4 to 6 hours of curing time before applying paint.

For more information about DuPont™
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