



Pella® Windows and Doors

Installation Sealant

Pella™ Window and Door Installation Sealant* is a one-component, multi-purpose, fast cure polymer-modified polyurethane sealant that is environmentally friendly and adheres to all Pella window and door frames and common construction materials, including aluminum, steel, vinyl, painted metals, wood, glass, flashing and underlayment papers. It contains no solvents or isocyanates and requires no primer. Pella Window and Door Installation Sealant has excellent weatherability, resists yellowing, is non-staining, paintable, and has superior elasticity. It extrudes at 0° F and achieves best results when applied above 32° F. Sealant will gain a skin in 30 minutes and exhibit full cure within 24 hours; and can be painted within two hours.

SPECIFICATIONS*

Exceeds the requirements of ASTM C 920, Type S, Grade NS, Class 25, Use NT, M, G and A; Federal Specification TT-S-00230C, Type II, Class A; CAN/CGSB-19 13-M87; AAMA 808.3-92 Exterior Perimeter Sealing.

Skin Time: Less than 20 minutes @ 77° F / 50% RH

Tack Free Time: Less than 1 hour @ 77° F / 50% RH

Cure Rate: 1/4" Bead per 24 Hrs.

VOC: Chemically curing sealant, less than 3% VOC

Elongation @ Break: 450%

Shore A: 35 +/- 5

Movement Capability: 25%

Lap Shear: 350 psi

Tensile Strength: 250 psi

Staining: None

Low Temp. Flexibility: Retained to -90° F

High Temp. Flexibility: Up to 425° F for short periods

Sag: None

DIRECTIONS

For best results, prepare clean, dry, frost free surface that is sound and free from oils, greases or coatings that may interfere with adhesion. Remove nozzle, cut threaded cap and puncture foil seal; then cut nozzle to desired bead size. For joints greater than 3/16", use a backer rod. Apply with a caulking gun forcing sealant onto the substrate, then tool if needed. Can be painted within 2 hours depending upon bead size. Clean excess material with mineral spirits or similar solvents. It is the user's responsibility to thoroughly test any proposed uses with any and/or all substrates.

PACKAGING & STORAGE

Available in 10.1 fl oz. moisture resistant, durable plastic cartridges.

Use within 10 months from date of manufacture. Store in a dry environment, below 75° F.

TRANSFERRABLE TEN-YEAR (10-YEAR) LIMITED WARRANTY

This warranty applies only when used with Pella® products in accordance with the sealant label directions and Pella installation instructions. If Pella is given notice of a defect that significantly impairs the performance of the sealant within ten (10) years from the date of sale by Pella or its authorized dealer, Pella shall, at its sole option, repair or replace the defective sealant (including labor cost within the first two [2] years) or refund the original purchase price.

*Features and Specifications listed may not apply to translucent silicone.

FEATURES*

- Adheres to common building materials
- Superior Elasticity
- Environmentally Friendly
- No Solvents
- Interior Or Exterior Use
- Non-shrinking for use in Bedded Joints
- Fast Cure at Wide Range of Temperatures
- Resists Yellowing
- Available in All Pella Standard & Feature Colors
- Paintable



PROUD MEMBER

THE POWER OF YELLOW®



Impervia® Fixed Frame Windows

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	U-Factor	SHGC	VLT	CR	Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown						
			Ext.	Int.						U. S.			Canada			
										Zone	ER	Zone	ER	Zone	CA	
Fixed										N	NC	SC	S			
1"	Clear IG	PEL-N-257-00001-00001	3	3	air	0.46	0.68	0.72	45							
	with grilles-between-the-glass	PEL-N-257-00001-00002				0.46	0.61	0.64	45							
	with applied grilles	PEL-N-257-00001-00005				0.46	0.55	0.57	45							
1"	Clear IG	PEL-N-257-00003-00001	4	4	air	0.45	0.66	0.71	45							
	with grilles-between-the-glass	PEL-N-257-00003-00002				0.45	0.60	0.64	45							
	with applied grilles	PEL-N-257-00003-00005				0.45	0.53	0.57	45							
1"	Clear IG	PEL-N-257-00005-00001	5	5	air	0.45	0.65	0.71	45							
	with grilles-between-the-glass	PEL-N-257-00005-00002				0.45	0.59	0.63	45							
	with applied grilles	PEL-N-257-00005-00005				0.45	0.53	0.56	45							
1"	Clear IG	PEL-N-257-00007-00001	6	6	air	0.45	0.63	0.70	44							
	with grilles-between-the-glass	PEL-N-257-00007-00002				0.45	0.57	0.62	44							
	with applied grilles	PEL-N-257-00007-00005				0.45	0.51	0.56	44							
1"	Advanced Low-E IG	PEL-N-257-00014-00001	3	3	argon	0.27	0.32	0.61	58							
	with grilles-between-the-glass	PEL-N-257-00014-00002				0.27	0.29	0.55	58							
	with applied grilles	PEL-N-257-00014-00005				0.27	0.26	0.49	58							
1"	Advanced Low-E IG	PEL-N-257-00016-00001	4	4	argon	0.27	0.32	0.60	60							
	with grilles-between-the-glass	PEL-N-257-00016-00002				0.27	0.29	0.54	60							
	with applied grilles	PEL-N-257-00016-00005				0.27	0.26	0.48	60							
1"	Advanced Low-E IG	PEL-N-257-00018-00001	5	5	argon	0.27	0.31	0.60	60							
	with grilles-between-the-glass	PEL-N-257-00018-00002				0.27	0.29	0.54	60							
	with applied grilles	PEL-N-257-00018-00005				0.27	0.26	0.48	60							
1"	Advanced Low-E IG	PEL-N-257-00020-00001	6	6	argon	0.26	0.31	0.59	59							
	with grilles-between-the-glass	PEL-N-257-00020-00002				0.26	0.28	0.53	59							
	with applied grilles	PEL-N-257-00020-00005				0.26	0.26	0.47	59							
1"	SunDefense™ IG	PEL-N-257-00044-00001	3	3	argon	0.27	0.24	0.56	59							
	with grilles-between-the-glass	PEL-N-257-00044-00002				0.27	0.22	0.51	59			SC	S			
	with applied grilles	PEL-N-257-00044-00005				0.27	0.20	0.45	59			SC	S			
1"	SunDefense™ IG	PEL-N-257-00046-00001	4	4	argon	0.26	0.24	0.56	61							
	with grilles-between-the-glass	PEL-N-257-00046-00002				0.26	0.22	0.50	61			SC	S			
	with applied grilles	PEL-N-257-00046-00005				0.26	0.20	0.45	61			SC	S			
1"	SunDefense™ IG	PEL-N-257-00048-00001	5	5	argon	0.26	0.24	0.55	60							
	with grilles-between-the-glass	PEL-N-257-00048-00002				0.26	0.22	0.50	60			SC	S			
	with applied grilles	PEL-N-257-00048-00005				0.26	0.20	0.44	60			SC	S			
1"	SunDefense™ IG	PEL-N-257-00050-00001	6	6	argon	0.26	0.24	0.55	59							
	with grilles-between-the-glass	PEL-N-257-00050-00002				0.26	0.22	0.49	59			SC	S			
	with applied grilles	PEL-N-257-00050-00005				0.26	0.20	0.44	59			SC	S			
1"	SunDefense+ IG	PEL-N-257-02456-00001	3	3	argon	0.22	0.23	0.55	50	N	NC	SC	S			
	with grilles-between-the-glass	PEL-N-257-02457-00001				0.22	0.21	0.49	50	N	NC	SC	S			
	with applied grilles	PEL-N-257-02458-00001				0.22	0.19	0.44	50	N	NC	SC	S			
1"	SunDefense+ IG	PEL-N-257-02462-00001	4	4	argon	0.22	0.23	0.55	49	N	NC	SC	S			
	with grilles-between-the-glass	PEL-N-257-02463-00001				0.22	0.21	0.49	49	N	NC	SC	S			
	with applied grilles	PEL-N-257-02464-00001				0.22	0.19	0.44	49	N	NC	SC	S			
1"	SunDefense+ IG	PEL-N-257-02480-00001	5	5	argon	0.22	0.23	0.54	49	N	NC	SC	S			
	with grilles-between-the-glass	PEL-N-257-02481-00001				0.22	0.21	0.49	49	N	NC	SC	S			
	with applied grilles	PEL-N-257-02482-00001				0.22	0.19	0.43	49	N	NC	SC	S			
1"	SunDefense+ IG	PEL-N-257-02486-00001	6	6	argon	0.22	0.23	0.53	48	N	NC	SC	S			
	with grilles-between-the-glass	PEL-N-257-02487-00001				0.22	0.21	0.48	48	N	NC	SC	S			
	with applied grilles	PEL-N-257-02488-00001				0.22	0.19	0.43	48	N	NC	SC	S			

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R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

U.S. Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500.
ENERGY STAR® values are updated to 2023 (version 7) criteria.

The Canadian values shown are based on the updated ENERGY STAR® 2020 initiative.

For center-glass values, see the Product Performance section.

Visit www.energystar.gov for Energy Star guidelines.

Climate Zones

