

Technical Data Sheet

Pres-On Setting Blocks

- Silicone or EPDM
- Standard sizes and thicknesses
- Adhesive or non-adhesive versions available
- Adhesive version coated with Pure Polymer Acrylic PSA
- Custom sizes available
- LEED Certification pending (recycled EPDM)

GENERAL DESCRIPTION

Installed inside a window sash - between the sash and insulated glass unit - Pres-On Setting Blocks offer excellent protection to the IG from the impact of sash opening/closing. Pres-On Setting Blocks also provide stress relief when vinyl windows expand/contract because of varying temperatures. Pres-On Setting Blocks stop glass from cracking, while maintaining the integrity of the glazing bead. They are available in silicone or EPDM with or without adhesive.

STANDARD ROLL SIZES



SERIAL NUMBER	THICKNESS (INCH)	LENGTHS (FEET)
SB906BLK (silicone)	1/16"	100'
SB912BLK (silicone)	1/8"	50'
SB925BLK (silicone)	1/4"	50'
SBEP06 (EPDM)	1/16"	100'
SBEP12 (EPDM)	1/8"	50'
SBEP25 (EPDM)	1/4"	50'
SBEPGR06 (recycled EPDM)	1/16"	100'
SBEPGR12 (recycled EPDM)	1/8"	50'
SBEPGR18 (recycled EPDM)	3/16"	50'
SBEPGR25 (recycled EPDM)	1/4"	50'

ACRYLIC ADHESIVE

Note: These specs apply only to the acrylic adhesive applied to EPDM

TEST	TYPICAL PERFORMANCE	TEST METHOD
Adhesion to Steel @ 72° F		
Steel immediate	3.5 lbs/in width	PSTC-1
Steel after 24 hrs	7.0 lbs/in width	PSTC-1
Polystyrene immediate	5.0 lbs/in width	PSTC-1
Polystyrene after 24 hrs	7.0 lbs/in width	PSTC-1
Powder paint immediate	3.5 lbs/in width	PSTC-1
Powder paint after 24 hrs	7.0 lbs/in width	PSTC-11
Shear @ 72° F, 1" x 1", 500 gms	indefinite	PSTC-7
Shear @ 72° F, 1" x 1", 1000 gms	200 hours minimum	PSTC-7
UV Resistance	Excellent	Pres-On PTM-4
Optimal Application Temperature	45° F to 80° F	Pres-on PTM-1
Service Temperature	-20° F to 200° F	Pres-on PTM-2
Water and Humidity Resistance	Excellent	Pres-On PTM-3
Shelf Life	1 year stored at room temperature	

SILICONE PROPERTIES

Note: Silicone setting blocks use a different adhesive than EPDM and neoprene setting blocks

PROPERTY	RESULT
Material	Silicone
Type	Commercial Grade
Color	Black
Durometer, Shore "A"	80
Specific Gravity	1.55 g/cc
Tensile Strength	650 psi
Tear, PPI DIE "B"	80
Temperature Range	-80° to 450° F (500 intermittent)

Acrylic Adhesive Properties (silicone only)

Liner	2 mils clear polyester
180° Peel Adhesion	95 oz/in
Adhesive Coat Weight	2.25 mils
Service Temperature	-20 F to 250° F
Total Mils Thickness (excluding Liner)	5.75 mils

EPDM PROPERTIES

PROPERTY	RESULT
Material	EPDM
Type	Economy Grade
Durometer, Shore "A"	80 ± 5
Tensile	725 psi
Temperature Range	-22° F to 212° F
Elongation	200%
Tear Value	60 PLI

APPLICATION NOTES

Thoroughly clean contact surface before use. Once tape has been applied, it cannot be removed and reused. Therefore, position tape carefully, assuring that it is in contact with all surfaces. If tape is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

