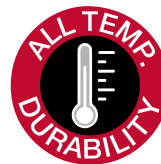OX Engineered Products
22260 Haggerty Road Suite 365
Northville, MI 48167
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Engineered Products

Performance to the Core

homeGUARD®
Polymer SEALANT®
by OX

HomeGuard® Polymer Sealant® is a one-part, moisture cure silyl-terminatepolyether. HomeGuard®Polymer Sealant is odorless, natural and isocyanate free. Our low VOC formula meets American and European safety and environmentalregulations regarding the emission of volatile organiccompounds (VOCs). Available in 10.1 oz. cartridges.

HomeGuard®Polymer Sealant can be used to seal windows, doors, column joints, gutters, vents and ducts, roofs, crown molding and trim, siding and most areas where a sealant is needed. It can also be used to produce a highly durable, waterproof, seamless, elastometric flashing membrane around windows and doors. HomeGuard®Polymer Sealant as an adhesive has a superior bond to most substrates, including porous and non-porous surfaces.

ALL TEMP. DURABILITY

LOW VOC FORMULA

STRONG ADHESION

Environmentally Safe
Low VOC formula with no odor.

Applications
Can be applied in temperatures as low as 0° F

*allow extra cure time under 32°

Durable
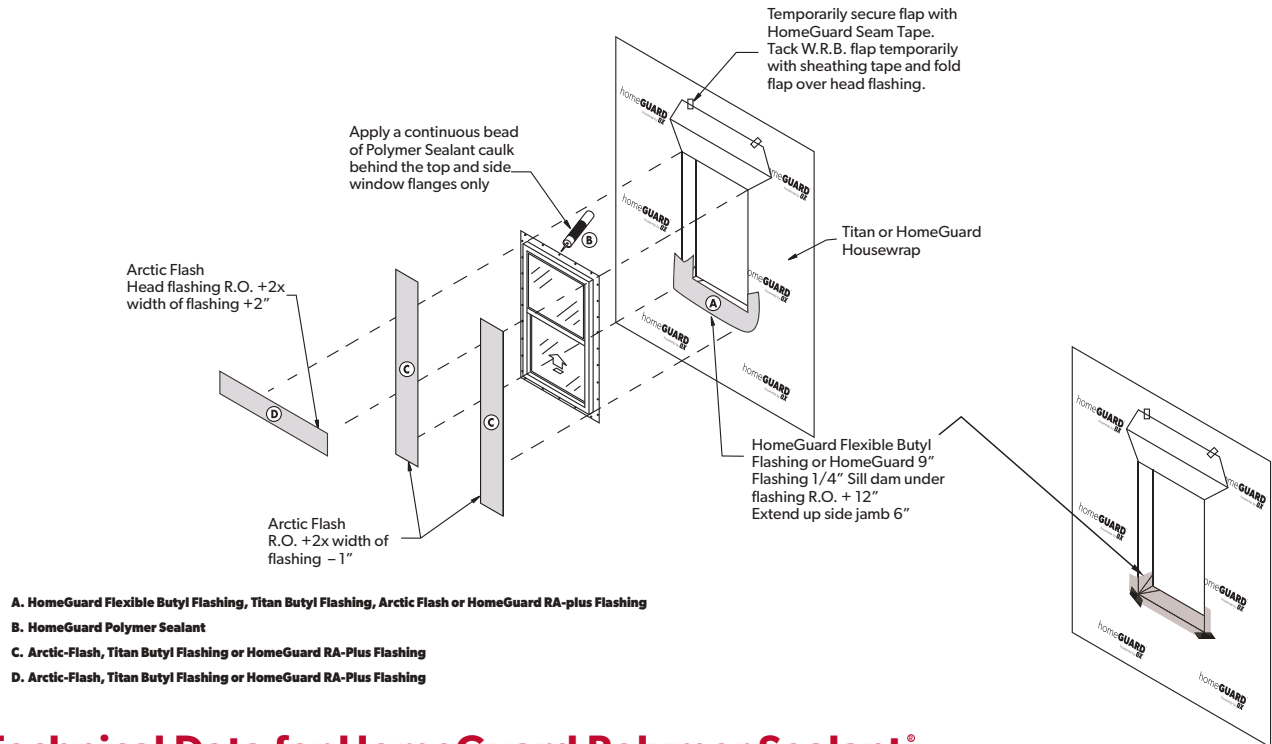Does not shrink, crack, or peel

Attributes

- Low VOC formula

- Can be applied from 0°F - 120°F
  *allow longer cure times under 32°F

- Waterproof - can be exposed to water before cured

- 12 cartridges/box with detachable 4" nozzles

- No odor

- Does not shrink, crack or peel

- Paintable with most consumer & industrial paints

- Shelf Life: 12- months; stored 40°F - 80°F

Installation

Temporarily secure flap with HomeGuard Seam Tape. Tack W.R.B. flap temporarily with sheathing tape and fold flap over head flashing.

Apply a continuous bead of Polymer Sealant caulk behind the top and side window flanges only

Titan or HomeGuard Housewrap

Arctic Flash Head flashing R.O. +2x width of flashing +2"

HomeGuard Flexible Butyl Flashing or HomeGuard 9" Flashing 1/4" Sill dam under flashing R.O. + 12" Extend up side jamb 6"

Arctic Flash R.O. +2x width of flashing – 1"

A. HomeGuard Flexible Butyl Flashing, Titan Butyl Flashing, Arctic Flash or HomeGuard RA-plus Flashing

B. HomeGuard Polymer Sealant

C. Arctic-Flash, Titan Butyl Flashing or HomeGuard RA-Plus Flashing

D. Arctic-Flash, Titan Butyl Flashing or HomeGuard RA-Plus Flashing

Technical Data for HomeGuard Polymer Sealant®

- ASTM C920 Class 25, Type S, Grade NS, Use NT, T, A, M, G & O
- TT-S-00230-C Type II, Class B
- Conforms to California Proposition 65

PHYSICAL PROPERTIES	TEST METHOD	RESULT
Viscosity		1,000,000 cps (Spindles 7, 4rpm)
Skin Formation Time		30 minutes (70° F, 50% RH)
Hardness	ASTM C661	45 (Shore A)
Modulus 100%	ASTM D412	1.204 Mpa
Tensile Strength	ASTM D 412	1.34 MPa
Elongation at Break	ASTM D 412	135%
Gun Grade		Pass (Non-Slump)
QUV Testing	ASTM G154	Pass (10,000 hrs)
Service Temperature		-50°F to 220°F
Cure in Depth After 7 Days		11mm (70°F, 50% RH)

Compatible with all Ox® Flashing Products & contributes to HomeGuard Systems warranties