



GreatSeal PE-150 Polyether Sealant

GreatSeal PE-150 is a general-purpose polyether construction sealant designed for use on roofing, doors & windows, masonry, and siding. This premium sealant is specially formulated for application in damp, dry or cold job-site conditions at temperatures down to 30°F.

GreatSeal PE-150 bonds aggressively to Modified Bitumen, asphalt, EPDM, PVC & PIB, foam insulation, vinyl, fiberglass, glass, painted, galvanized, and anodized metal, stone & masonry. Kynar® surfaces should be tested for adhesion.

GreatSeal PE-150 is a non-shrinking, 100% solids, moisture-cure polymer and contains **no solvents**. It skins in one hour, cures completely in three to seven days (cure rate varies with temperature and relative humidity) and is paintable within 24 hours.

GreatSeal PE-150 non-slump properties allow sealant installation in vertical or overhead working conditions. It tools easily and skins over in less than an hour. Colors ----White, Off White, Tan, Stone, Gray, Bronze, Black, Redwood

TECHNICAL DATA:

Elongation @ break300 to 400% ASTM D-0412
 Hardness, Shore A30 to 35 ASTM C-0661
 Low Temperature FlexMinus 40°F PASS 1/4 inch mandrel
 Movement capacity +/- 25%
 OdorMild Ester smell (mint) when wet, no odor when cured
 Service temperatureMinus 40°F to 200°F continuous service
 Shear Strength150 PSI ASTM D-1002
 ShrinkageNo measurable Shrinkage 14 days
 Slump (sag)Zero Slump ASTM C-0697
 Shelf LifeOne year
 Specific Gravity1.62 (13.5 lbs./ gal)
 Tack Free Time 1 hour ASTM C-0679
 Tensile Strength 175 psi
 VOCs.....18.26 gr/liter
 Viscosity (Brookfield RTV, TF spindle, 4 rpm, 70°F).....1,000,000 + cps.

Application: Surfaces must be clean and free from dirt, oil and debris. If surfaces require cleaning, use alcohol. Do not apply below 30°F. Maintain PE-150 at room temperature before applying.

GreatSeal PE-150 meets or exceeds performance requirements of TT-S-00230C TYPE II and Canadian Spec CAN 19, 13-M82 and ASTM C920.

Packaging:

10.1 fluid oz plastic cartridge
24 cartridges per case



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WHY SWITCH FROM URETHANE TO POLYETHER? JUST LOOK & COMPARE!

Leading (white)
Urethane Sealant
1,200 hours weathering

not recommended for contact with asphalt

contains solvents

shrinks when solvents evaporate & product cures

cures only to ½ inch

contains VOCs

strong odor

skins in a few days, up to 1 week to cure

can out-gas with moisture present, can create bubbles

will sultan due to isocyanate in urethane

GreatSeal PE-150 (white)
1,600 hours weathering

adheres to asphalt

no solvents, 100% solids

no shrinkage

deep cure up to 2 inches

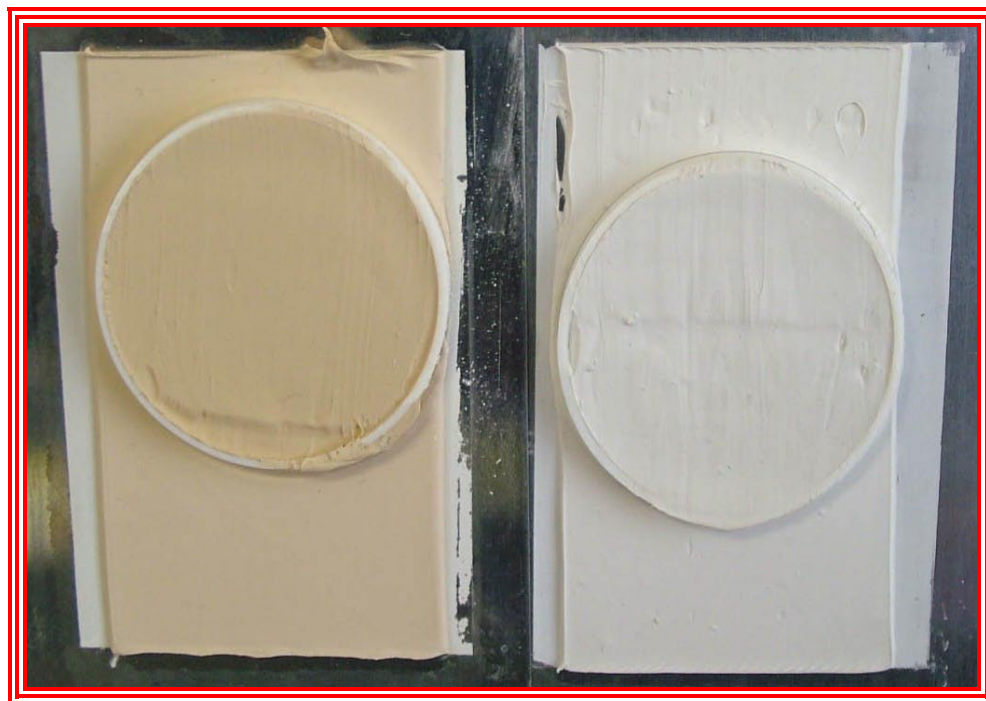
very low VOCs

very mild to *no* odor

skins in 1 hour, cures in 3-5 days

no out-gassing

no suntanning



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