#900 SOLAR SEAL® ADHESIVE SEALANT

built on --- 100% Terpolymer Technology
an alternative to Silicone & Urethane Chemistry

Since 1977
Field Proven - Over 30 Years

COMMERCIAL / INDUSTRIAL AND HIGH END RESIDENTIAL

SPECIFICATION DATA

DESCRIPTION

#900 SOLAR SEAL - based on terpolymer elastomer technology, offers an alternative to silicone & urethane chemistry.

Protect your investments with High performance terpolymer chemistry that impart exceptional weather resistance, adhesion, elongation and color stability to SOLAR SEAL.

APPLICATIONS

ARCHITECTURAL METALS
BRICK & MASONRY
CEDAR & REDWOOD
VINYL SIDING & WINDOWS
FIBER CEMENT BOARD
GLASS & FIBER GLASS
KYNAR® COATINGS
(fluoropolymer coatings)
METAL BUILDINGS
TERMINATION BARS
ROOF FLASHING
PRECAST PANELS
SKY LIGHTS & SUN ROOMS
EIFS Systems

* PRIMERLESS * PAINTABLE

COLORS

Clear, White, Black & **over 200 NPC standard colors**.

- Mfg. name & color stamped on each plunger.

Custom colors available in low minimum quantities.

LIMITATIONS

- Intended for exterior use. Interior application requires mandatory forced fresh air ventilation until aroma dissipates.
- Not recommended for:
  Structural applications.
  Contact with expanded polystyrene
  Joints under constant water submersion.
- COMBUSTIBLE Do not use near heat or flame.
- Contact NPC for written approval for use in food processing areas.
- WARNING: This product contains chemicals known to the state of California to cause cancer and/or reproductive harm.

PACKAGING

Consumer size caulk tubes, 12/case, PRO-SIZE 9/case
5 gallon pails
55 gallon drums

INSTALLATION

Apply 3/8" deep, like diagram to a clean, dry frost free structurally sound surface that is free of any oils, soaps, or loose material that may inhibit bonding. *Warm tube overnight in cool weather.*

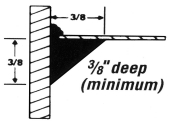
Do not tool.
#900 SOLAR SEAL is self tooling.
Clean excess sealant with a solvent such as mineral spirits or by scraping.

Open cell backer rod may be required for certain joints to prevent three point adhesion.

Final judgment of visual color acceptance is the applicator's responsibility.

JOINT DESIGN

Maximum joint & sealant width is 3/4"
Maximum sealant depth is 1/2"
Minimum application depth is 3/8"



PROPER CURED BEAD
Approximate coverage 14 Lin. Ft./tube

GENERAL INFORMATION

Shelf life: 1 Year @ 75° F
Substrate temperature range: 10/125° F
Service temperature range: -40/300° F

Cure rate: @ 75° F
a) Thin skin in 24 hrs.
b) Complete: 21 days @ 75° F

Expected life: 20+ years when bead is installed as directed for approved applications.

CONSTRUCTION STANDARDS

Meets performance requirements of TT-S-00230c, Class A, Type II and ASTM C-920, Type S, Grade NS, Class 25, Use NT, except for weight loss.

LIMITED WARRANTY

NPC warrants #900 Solar Seal will meet the performance data tests listed below. Under this warranty the expected life of #900 Solar Seal is 20 years, provided the user has followed our installation and joint design instructions. (see diagram)

Under this warranty , for applications recommended by NPC as suitable for this product, and judged and tested by the test methods indicated below, our liability and obligation is limited to product replacement only.

PERFORMANCE DATA

BOND COHESION	TT-S-230c	NO BOND LOSS
SHORE A HARDNESS	TT-S-230c	30 average
STAIN INDEX	TT-S-230c	NONE
SAG	TT-S-230c	NO SAG
UV & COLD EXPOSURE	ASTM C 920	NO CRACKING
ELONGATION	ASTM-D 412	300% - 400%
TACK FREE TIME	ASTM C-679	4 hours
ADHESION-IN-PEEL	TT-S-1543	30 lbs/in

Home Back