



Epoxy.com Product #900 & 901

Polymeric Joint Sealant

DESCRIPTION:

PRODUCT #900/901 Polymeric Joint Sealants are 2 part chemically cured elastomers. They provide a flexible and watertight seal between concrete, masonry, metals, glass, wood, and other construction materials. **Product #900** (Gun Grade)/ **Product #901** (Pourable) are mixed just prior to application. Color is light gray. (Other colors are available on special order.)

ADVANTAGES:

PRODUCT #900/901 bond tightly to any clean, dry surface. The cured sealant have excellent flexibility and performs well to -20° 25% is easily accommodated through ∇ F. Joint movement years of outdoor exposure. **PRODUCT #900/901** resist the effects of temperature extremes, seasonal weather changes, sunlight, moisture and chemical attack. Life expectancy is up to 20 years under normal conditions.

PHYSICAL PROPERTIES:

PRODUCT #900/901 have excellent electrical properties. Typical electrical properties of cured material at 77°F (25°C) and 50% relative humidity are as follows:

Tensile Strength 140 ± 25 p.s.i 1.10 MPa

Tensile Elongation 350%

Hardness, Shore A Durometer 25 ± 10

Volume resistivity (ohm-cm) $1 \times 10^{11} - 7 \times 10^{12}$

Surface resistivity (ohms) $1 \times 10^{12} - 2 \times 10^{14}$

Dielectric constant @ 1 kc 5.5 - 8

Dissipation factor @ 1 kc .001 - .010

Pot life after mixing is approximately 40 minutes at 70°F (21.1° C).

Pot life after mixing is approximate

Initial cure is 24 hours; final cure is 7 days

SPECIFICATION:

PRODUCT #900/901 Polymeric Joint Sealants meets the following specifications:

Type Grade Class

ASTM C-920-95 Product #900 NS 25

ASTM C-920-95 Product #901 P 25

National Bureau of Standards and GSA TT-S-0227E (1970) *

* Defers test specification to ASTM C-920-95

SURFACE PREPARATION:

Joint interface must be clean, dry, and free from oils, loose mortar, laitance, waterproofings, and other contaminants. A thorough grinding, sandblasting, or solvent cleaning may be required to expose clean, sound surfaces. Priming is not normally required with common building materials. However, an instance may occur where priming is necessary for certain substrates or for water immersion, and **EpoxySystems' Product #950 Sealant Primer** should be used. The Product #900/901 must be applied within 8 hours after priming. Re-prime if time limit has expired.

MIXING:

Mix "A" and "B" Components with a slow speed mechanical mixer for 3 minutes. Use Product #900 with caulking gun or mechanical equipment. **Product #901** may be poured into joint from container or from watering can. For large projects, mechanical placing equipment may be utilized.

APPLICATION:

Apply immediately after mixing into properly sized joints. Backer Rod may be required.

YIELD: Estimated Coverage Rates (Lineal Ft./Gal.)

WIDTH INCHES

	1/4"	3/8"	1/2"	3/4"	1"
1/4"	308	205	154	102	77
3/8"	205	136	102	68	51
1/2"	154	102	77	51	38
3/4"	102	68	51	34	26
1"	77	51	38	26	19

LIMITATIONS:

Do not install in damp or wet joints. Temperature should be above 40°F (4.4°C) at time of application to assure proper curing.

CAUTION:

Repeated or prolonged contact with skin should be avoided; protective gloves should be worn as a precaution. Avoid contact with eyes; in case of eye contact, flush with water for 15 minutes and consult a physician.

FOR INDUSTRIAL USE ONLY / KEEP AWAY FROM CHILDREN

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

[Epoxy Systems, Inc.](#)
352-489-1666 (Phone)
352-465-3497 (Fax)
info@epoxy.com
www.epoxy.com

Epoxy Systems™ Product Company ("ESI") warrants its products (when properly stored) for the period of time as follows one (1) year. ESI warrants that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of ESI. If any product fails to meet this warranty, the liability of ESI will be limited to replacement of any non-conforming material if notice of such non-conformity is given to ESI within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). ESI may in its discretion refund the price received by ESI in lieu of replacing the material. No customer, distributor, or representative of ESI is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of ESI. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. ESI reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. ESI'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND ESI SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. No returns on non-stocking colors, or items. No returns after 10 days. Returns must be unopened containers. All returns must be authorized in advance. Restocking charges will apply to returns. No returns on non-list priced items. All Returns are for merchandise (store) credit only, no cash or credit card credits. This information is presented in good faith to assist in determining whether this product is suitable for application. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights reserved.