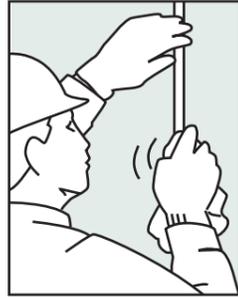


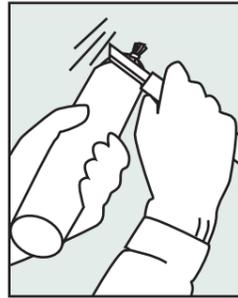
## 6. APPLICATION MANUAL OF AUTON SEALER 101A NON-BLEED

### 1. Surface Preparation



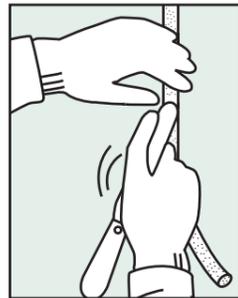
Contamination of joint surfaces will cause poor adhesion. Joint surface must first be clean with a cloth or brush, then with a cloth soaked in solvent, e.g. toluene or methylethylketone to be free from dust, loose dirt, oil or old caulking compound etc. In case the surface is dipped into solvent, n-hexane is recommended.

### 5. Preparation for filling of sealant



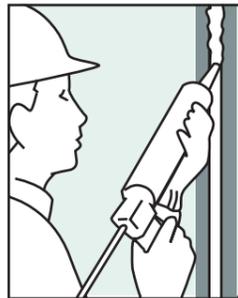
The sausage will be installed into a push gun, then the tip of the sausage will be cut off at the thickness of the joint width.

### 2. Laying back-up material



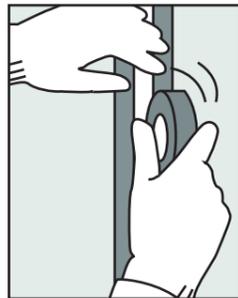
To avoid three-interface-adhesion, lay a compressible bond-break backing material such as polyethylene or polystyrene foam which is 1-2mm wider than joint width. When the depth of the joint is shallow, sticking tape which has a bond-break back should be put on the bottom to avoid three-interface-adhesion.

### 6. Filling



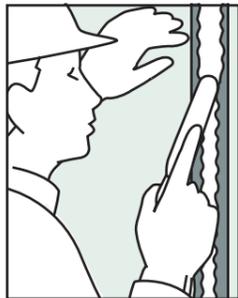
Sealant will be filled into the joint thoroughly and carefully so as not to involve air bubbles.

### 3. Applying masking tape on adjacent surfaces



In order to keep adjacent surfaces clean, applying masking tape is recommended; however, be sure to remove the tape immediately after caulking. Therefore the tape should be of good quality, not to be broken when removed.

### 7. Tooling



After filling sealant into the joint, immediately tool with a spatula, spoon or other instrument. The sealant must be tooled thoroughly to make tight contact. Wetting the above instrument with soap or an aqueous detergent solution make tooling easier and improve appearance. Remove excess sealant.

### 4. Priming



In accordance with joint substrate material, as appointed in Table (3), the primer OP-20 13 should be applied uniformly with a brush on joint surfaces and allowed to dry. When the joint surface is coarse, the surface of any kind of substrate material should be applied with primer and made smooth with it.

### 8. Removing masking tape



Immediately after tooling, masking tape must be removed carefully.

## 1-component polyurethane sealant NON-BLEED

Ranked in "JIS Durability Classification 9030"

9030  
適合品

JIS  
CER1

JIS A 5758  
F-12.5E-9030  
(PU-1)  
CE0308034

# AUTONSEALER 101A NON-BLEED



<http://www.autochem.co.jp/>

AUTO CHEMICAL INDUSTRY CO., LTD.

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JQA-QM5510  
JQA-EM5594

**AUTO**  
AUTO CHEMICAL IND. CO., LTD.

# 1. ADVANTAGES

## "Perfect Non-bleed" that contains no plasticizer

A perfect non-bleed sealing material that is not compounded with any "plasticizer" and similar substances which are substances that cause contamination of joints.

## Not contaminating joints or paints, having good adhesiveness as well

"Paint adhesiveness" which is an advantage of urethane resin is excellent, as a matter of course. A wide range of adaptability to various types of paint is also one of the material's advantages.

## With low modulus and high elongation, being excellent in durability as well

Low modulus has been realized without compounding any plasticizer. Also, the material's durability class is 9030, thus ensuring a long period of softness.



JIS A 5758  
F-12.5E-9030  
(PU-1)  
CE 0308034



Product registered as meeting the self-imposed control on formaldehyde use

# 2. APPLICATION

- Joint sealing for Precast Concrete
- Joint sealing for Tiles, Bricks & Plates of Marble
- Sealing of Sewer & Drainpipe joint
- Filling and coating of Container construction
- Repairing of Concrete crack
- Filling in crack inducing groove of Reinforced Concrete
- Joint sealing for Slate & Flexible Board



# 3. Performance

Test item	Conditions	Result	Judgment criteria	
Specific gravity		1.27	-	
Tack-free time (hours)	23°C50%RH	7	-	
Physical properties of type H test piece	M50 (N/cm <sup>2</sup> )	14	-	
	M150 (N/cm <sup>2</sup> )	22	-	
	Tmax (N/cm <sup>2</sup> )	76	-	
	E <sub>max</sub> (%)	718	-	
Slump (mm)	Vertical	5°C	0	3 or less
		50°C	0	3 or less
	Horizontal	5°C	0	3 or less
		50°C	0	3 or less
Adhesiveness under fixed elongation Elongation rate: 200%	Mortar	Passed	No breakage	
	Aluminum	Passed	No breakage	
Adhesiveness after compression heating / pulling and cooling Elongation rate: 200%	Mortar	Passed	No breakage	
	Aluminum	Passed	No breakage	
Adhesiveness under fixed elongation after immersion in water	Mortar	Passed	No breakage	
	Aluminum	Passed	No breakage	
Elastic resilience (%)		85	40 or more	
Volumetric change (%)		21	25 or less	
Durability class: 9030		Passed	-	

Test piece for adhesiveness: Primer-treated

# 4. PACKING AND COLOUR



Sausage 600ml × 20/pack

Grey / White / Black



\*/ The color samples are images.

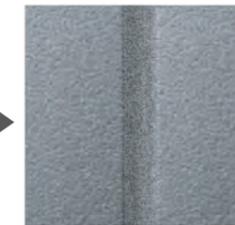
# 5. BLEEDING

Sealing materials containing much plasticizer are prone to contamination of paint as caused by bleeding.

## A phenomenon of contamination by bleeding that may occur only several months later



Although it looks fine right after spraying ...



Appearance of the entire building is totally spoiled, and even customer complaints may be raised ...

The "AUTON SEALER 101A NON-BLEED" is an epoch-making sealing material that has realized low modulus without using any "plasticizer" that is compounded generally for the purpose of adding softness. Since a plasticizer is an oily component, it oozes out onto the surface with the lapse of time (a bleeding phenomenon), thereby resulting in stickiness in the paint film, etc. If dust attaches to such sticky portion, then the joints become stained ones and appearance of the building itself is impaired. Make full use of the "AUTON SEALER 101A NON-BLEED" as an essential item for keeping beautiful appearance for a long period of time after construction work.