

- ✚ SHARPIE™ SEAL T-97 is a two components reaction curing polysulfide sealant.
- ✚ Specially developed to retain the aesthetics of joints in the long-term.
- ✚ Excellent OIL/CHEMICAL/SEAWATER/CORROSION resistance.
- ✚ Low Modulus/ High extension/ Fatigue resistance.
- ✚ Qualified for JIS A 5758 architectural sealing material F-25LM-8020 (PS-02).
- ✚ Suitable to a wide variety of building materials.
- ✚ Over 400 color selection available for finding the most suitable color.

■ APPLICATIONS

- ✓ PCA curtain wall joint
- ✓ Concrete wall joint
- ✓ Stone joints and tile joints
- ✓ Exterior panel joint
- ✓ Siding joint
- ✓ Glass around joint

■ CHARACTERIZATION

Consistency (Main / Hardener /Color Toner)	Paste / Pale Yellow Liquid/ Paste
Mixing ratio (by weight)	Main : Hardener : Color Toner = 6 : 1 : 0.25
Shelf-life	6 months
Application Temperature	5°C~35°C
Service Temperature	-20°C~80°C
Paintability	Paintable

Basic characterization based on JISA 5758 or JISA 143

Slump (mm)	5°C	0
	50°C	0
Elastic Recovery(%)	86	
Tensile Stress (N/mm2) [M100]	23°C	0.1
	-20°C	0.2
Tack Free Time (Hour)	23°C	8
Durability (JIS8020)	PASS	

Volume change (%)	3.6	
density (g/cm3)	1.33	
Extrudability (Second)	5°C	4
	23°C	2
Pot life (Hour)	5°C	5
	23°C	5
	35°C	2

■ TENSILE PROPERTIES (JIS A 1439)

Item Cure condition	Test condition	50% Tensile stress (N/mm ²)	Maximum tensile stress (N/mm ²)	Elongation at break (%)
After curing	23°C	0.12	0.42	780
After heating (80°C)	23°C	0.11	0.44	670
After immersion in water	23°C	0.09	0.35	880

with primer
P-32
Substrate:
Aluminum

■ WATER VAPOR BARRIER PROPERTY AND WATER ABSORPTION (JIS K 0208 OR JIS K 6258)

Water vapor barrier Property (kg/m ² /day)	0.013~0.015	25°C 90 %RH
Water Absorption (%)	1.3~1.4	20°C 9day Mass change rate after immersion

■ RECOMMENDED PRIMER

Recommend substrates	Product name	Note
Coated metal, concrete, ALC	SHARPIE™ Primer P32	Non-Yellowing

■ HOW TO USE

- ①. Pre-study and preparation
- ②. Pre-check
- ③. Seam/surface dust free and dried
- ④. Setup holder and accessories
- ⑤. Setup the masking tape
- ⑥. Primer apply -primer tack-off time 30min/20°C
- ⑦. Mix Main/Hardener/color toner by the ratio
- ⑧. Inject the sealant
- ⑨. Use a spatula to finish the joint
- ⑩. Remove the masking tape
- ⑪. Clear up around
- ⑫. Check the operation

■ Usage amount

$\frac{W}{D}$	10mm	15mm	20mm	25mm	30mm
10mm	32	21	16		
15mm			10.6	8.5	7.1

**The length(m) of sealant
operation per 4L Can**

Loss rate 20%
W: width. D: depth.

$\frac{W}{D}$	10mm	15mm	20mm	25mm	30mm
10mm	175	175	175		
15mm			116	116	116

**The length(m) of primer
operation per 500g can.**

Loss rate 30%
W: width. D

■ NOTICE

- Strictly observe the mixing ratio, and when opening (especially curing agent), use all amounts at once.
- Foaming may occur when temperature and humidity are high during apply or the substrate contains water.
- Use a rotary drum stirrer for 15 minutes.
- Not preferable to use metal curtain walls with large movements (member length of 2 m or more) for joints and metalhead joints.

■ ATTENTION

- Keep away from heat/sparks/static electricity/open flames/hot surfaces. No smoking.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- IF SWALLOWED: Rinse mouth.
- IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.

- IF skin or eye contact occurs immediately flush with water for 15 minutes. And call a POISON CENTER or doctor/physician.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Keep out of reach of children
- Storage in a dark cold place. Keep away from sunshine.
- Construction and Industrial use ONLY
- See SDS for a detailed description.

■ PACKING



SHARPIE™ SEAL T-97
4L PER CAN
2 CAN PER CASE



SHARPIE™ PRIMER P-32
500g PER CAN

★The specification is based solely on actual products. Subject to change without prior notice.



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