

# Crack Repair and Structural Epoxy Injection



**CI-SLV™**

**Super Low-Viscosity Epoxy**

- Low surface tension to penetrate narrow cracks
- Usable as a flood coat

**CI-LV™**

**Low-Viscosity Epoxy**

- Low surface tension to penetrate narrow cracks
- Usable as a flood coat

**NSF**  
Certified to NSF/ANSI 61

**CI-LV FS™**

**Low-Viscosity Epoxy Fast-Setting**

- Low surface tension to penetrate narrow cracks

**CI-LPL™**

**Long Pot Life Epoxy High-Temperature**

- Low surface tension at elevated temperature to penetrate narrow cracks
- Usable at temperatures up to 110°F (43°C)

**CI-GV™**

**Gel Viscosity Epoxy**

- Pick-proof sealant
- Decreased viscosity under pressure for maximum penetration

**Viscosity**  
72°F (22°C) = 150 cP  
90°F (32°C) = 85 cP

**Cure Time**  
72°F (22°C) = 9 hrs.

**Viscosity**  
50°F (10°C) = 1,500 cP  
72°F (22°C) = 350 cP

**Cure Time**  
72°F (22°C) = 6¼ hrs.

**Viscosity**  
50°F (10°C) = 2,000 cP  
72°F (22°C) = 600 cP

**Cure Time**  
72°F (22°C) = 4 hrs.

**Viscosity**  
72°F (22°C) = 2,000 cP  
90°F (32°C) = 750 cP

**Cure Time**  
95°F (35°C) = 4 hrs.

**Viscosity**  
50°F (10°C) = Non-Sag  
72°F (22°C) = Non-Sag

**Cure Time**  
72°F (22°C) = 6 hrs.

**ASTM C881**  
Type I/IV; Grade 1; Class C

**Usage Temperature**  
60°F–90°F (16°C–32°C)

**Crack Width**  
0.002–0.25 (0.05 mm–6 mm)

**Pot Life**  
50°F (10°C) = Not Recommended  
72°F (22°C) = 20 minutes  
90°F (32°C) = 5 minutes

**Cured Color** Clear **Ratio** 2:1

**ASTM C881**  
Type I/II; Grade 1; Class B  
Type I/IV and II/V; Grade 1; Class C

**Usage Temperature**  
40°F–90°F (4°C–32°C)

**Crack Width**  
0.002–0.25 (0.05 mm–6 mm)

**Pot Life**  
50°F (10°C) = 100 minutes  
72°F (22°C) = 25 minutes  
90°F (32°C) = 10 minutes

**Cured Color** Dark Amber **Ratio** 2:1

**ASTM C881**  
Type I/II; Grade 1; Class B  
Type I/IV and II/V; Grade 1; Class C

**Usage Temperature**  
40°F–90°F (4°C–32°C)

**Crack Width**  
0.016–0.25 (0.4 mm–6 mm)

**Pot Life**  
50°F (10°C) = 28 minutes  
72°F (22°C) = 10 minutes  
90°F (32°C) = Not Recommended

**Cured Color** Amber **Ratio** 2:1

**ASTM C881**  
Type I/IV; Grade 2; Class C

**Usage Temperature**  
60°F–110°F (16°C–43°C)

**Crack Width**  
0.016–0.25 (0.4 mm–6 mm)

**Pot Life**  
50°F (10°C) = Not Recommended  
72°F (22°C) = 60 minutes  
95°F (35°C) = 20 minutes

**Cured Color** Amber **Ratio** 2:1

**ASTM C881**  
Type I/II; Grade 3; Class B  
Type I/IV and II/V; Grade 3; Class C

**Usage Temperature**  
40°F–90°F (4°C–32°C)

**Crack Width**  
0.094–0.25 (2.4 mm–6 mm)

**Pot Life**  
50°F (10°C) = 55 minutes  
72°F (22°C) = 19 minutes  
90°F (32°C) = 8 minutes

**Cured Color** Concrete Gray **Ratio** 2:1

**Cartridge Dispensing Tools**

**Injection Ports**

**Paste-Over Material**

**ADT30S**  
32 oz. cartridge manual dispensing tool

**ADTA30P**  
32 oz. cartridge pneumatic dispensing tool

**EIF-EZ**  
E-Z-Click™ injection fitting

**EIP-EZA**  
E-Z Click flush-mount injection port

**EIPX-EZ**  
E-Z Click drilled-in/corner-mount injection port

**CI-PO™**  
Paste-over epoxy

**CIP-F**  
Flexible paste-over adhesive

**ETR**  
Paste-over epoxy