


Approved Products List

BRIDGE CONCRETE CRACK FILLERS

(flood coats, gravity fed, and pressure injected - see Note 1 below)

Product Name	Manufacturer	Resin Type	Viscosity (cP) <i>[Note 1]</i>	Percent Elongation ASTM D638	Minimum Crack Width (mm)	Min. Installation Temp <i>[Note 2]</i>	Crack Filling Application <i>[Note 3]</i>
Sikadur 35 Hi-Mod LV	Sika Canada	Epoxy	500	5.4	0.18	+4°C	Injection
SealBoss 4040 LV	SealBoss	Epoxy	350	2.1	0.05	+15°C	Injection
KemKo 068	Kemko Systems	Epoxy	250	3.1 (at 15°C)	0.05	+15°C	Injection
Dural 335	Tamms	Epoxy	100	1	0.13	+15°C	Injection / Gravity Fed / Flood Coating
Sikadur 55 SLV	Sika Canada	Epoxy	105	10	0.05	+15°C	Gravity Fed / Flood Coating
CCS Epoxy Healer/ Sealer	ChemoCo Systems	Epoxy	75	4.5	0.05	+10°C	Gravity Fed / Flood Coating
T-78 MMA Crack Sealer	Transpo Industries	Methyl Methacrylate	< 25	5	0.06	+5°C	Gravity Fed / Flood Coating
MasterSeal 630	Sika Canada	Methyl Methacrylate	10	5.5	0.02	+5°C	Gravity Fed / Flood Coating

General Notes: - The material Product Data Sheet (PDS) shall be reviewed to ensure the intended application is appropriate (pot life, gel time, storage, mixing, installation, etc.).

 **Important** - Repaired concrete cracks shall not be loaded until the repair material has achieved a minimum of 34.5 Mpa (shall be assessed by the project team based on actual curing conditions and compressive strengths reported in the PDS or provided by Manufacturer).

- In the case of conflicting requirements between this table and manufacturer's Product Data Sheet (PDS), the requirements of this table shall govern.

[Note 1]: Only products with viscosities less than 110 Centipoise (cP) shall be used for concrete bridge deck/overlay surface flood coat treatments and gravity fed crack filling applications. Flood coat treatments shall be seeded with clean SIL 7 sand broadcast to refusal.

[Note 2]: Minimum installation temperature applies to both substrate and ambient temperature.

[Note 3]: Injection materials shall conform to ASTM C881 Type IV, Grade 1, Class B or C.