

Crack Sealer and Healer



Sealate[®] is a specially formulated, high molecular weight methacrylate resin system that is highly effective for sealing and filling cracks in concrete structures. It is available in both T-70 and T-70 MX-30 formulations.

Features and Advantages

- Very Low Viscosity
- Deep Crack Penetration
- Fills and Bonds Cracks
- Fast Cure
- Easy Single Application
- Low Odor
- Low Volatility
- Extends Life of Concrete Structure

The very low viscosity and surface tension of Sealate[®] allows it to easily penetrate and fill deep cracks in the concrete substrate. It bonds well to the inner walls of the cracks thereby restoring some of the original strength and preventing crack propagation. Its rapid curing time assures a quick return to service. Sealate[®] is easy to handle in all working conditions and requires no special equipment.

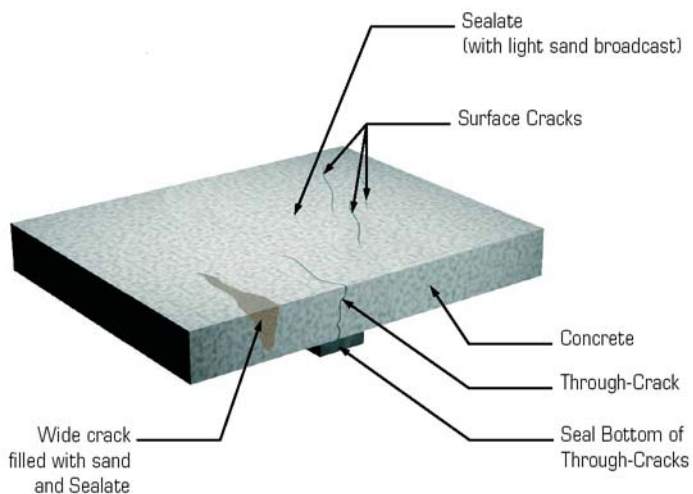
The significantly lower modulus and increased tensile elongation of Sealate[®] T-70 MX-30 provides better compatibility with moving cracks and thermal stresses.



Applications

The application process for Sealate[®] requires minimal labor costs and reduces the need for specialized equipment. The use of Sealate[®] on concrete structures reduces the chloride permeability of the structure thus protecting it from further deterioration. Sealate[®] can be used for crack sealing and filling on numerous concrete structures :

- Bridge Decks
- Industrial Floors
- Concrete Roads
- Parking Garages
- Aircraft Runways and Hangars



Physical Properties*

Property	Unit of Measure		Test
	T-70	T-70 MX-30	
Viscosity	14-15 cP (mPa.s)	10-15 cP (mPa.s)	Brookfield
Tack Free Time	4-6 hrs@ 70F	5-6 hrs@ 70F	AASHTO T237
PCC Bond Strength	615 psi (4.2 MPa)	615 psi (4.2 MPa)	CA Test 551
Tensile Elongation	3-5%	30%	ASTM D638

* To be used as general guidelines only

