

Freshly poured concrete or “green” concrete can present challenges with regard to achieving adequate sealant adhesion. The inherently high moisture content and pH of green concrete can adversely affect the sealant bond resulting in adhesive failures.

Based on extensive laboratory adhesion testing per ASTM C794 test methods, Pecora has identified and approved several sealants for use on green concrete. The concrete samples were cured for 24hrs prior to sealant and primer application. All sealants were applied and cured at 77°F/50%rh. Following a 21 day cure period, sealants were evaluated for peel adhesion with and without primer.

Be aware that all curing and sealing compounds must be removed prior to applying the joint sealants.

The following Pecora joint sealants are approved for use on green concrete. Primer may be required.

Pecora Sealant	Sealant Chemistry	Primer Requirements
Pecora Dynatred	Polyurethane	NONE
Pecora Dynatrol II	Polyurethane	NONE
Pecora 300SL	Silicone	P-225
Pecora NR-201	STPU (Hybrid)	P-150
Pecora Dynatrol I-XL-345 Tru-White	STPU (Hybrid)	P-150
Pecora Dynatrol I-XL	Polyurethane	P-75 or P-150

