

APPLICATION AND USAGE CHART

<i>ECI HARDENER</i>	<i>A.H.E.W.</i>	<i>Viscosity cps</i>	<i>Density (lbs/gal)</i>	<i>p/hr, L.E.R.*</i>	<i>Gel Time, (min) **</i>	<i>Tack-Free, Hours **</i>	<i>Features</i>	<i>Civil Engineering</i>	<i>Flooring Binder</i>	<i>Composites</i>
A-6	178	5,500	8.6	94	33	4	Concrete adhesive (ASTM 881). Excellent adhesion to damp concrete. Injection resin for concrete.	+++	+	+
APR	43	20	7.9	23	15	1.5	AEP Replacement Accelerator for other curing agents Adhesives	++	++	++
FB-25	95	60	8.4	50	30	4	Excellent color stability. High solids coatings. Chemical Resistant.	-	+++	-
FB-30	112	400	8.6	59	35	6	Light color. Modified Cycloaliphatic. Seamless epoxy flooring, coatings.	+	+++	-
FB-31	86	200	8.4	45	46	5	Modified Cycloaliphatic. Water spot resistant. Seamless epoxy flooring, coatings	+	+++	++
FB-84	86	500	8	40	120	5	Virtually no odor. High gloss finish. Outstanding adhesion to concrete.	+++	++	-
FB-415	95	300	8.3	50	45	4 to 5	High Gloss, Clear Liquid Superior Flow and Leveling Early Water Spot Resistant	-	+++	-
FB-618	113	400	8.6	60	35	5	IPDA free. Blush Free. Excellent Color Stability. Seamless epoxy flooring, coatings.	+	+++	+
FS-10	87	600	8.4	46	10	1.5	Benzyl Alcohol free. Low viscosity and no mercaptans. Cures at low temperatures.	++	++	-
FS-43	61	4,500	8.6	32	9	1.5	Benzyl Alcohol free. Low odor and no mercaptans. Excellent adhesion to damp concrete.	+++	+++	-
FS-56	34	300	8.7	18	10	1.5	Benzyl Alcohol free. Cures at low temperatures. High physical properties.	++	++	-
FS-290	75	200	8.4	40	11	1	Benzyl Alcohol & Nonyl Phenol free. Extremely rapid set. Excellent adhesion to damp concrete.	+++	+++	-
FS-943	38	4,000	9.0	20	12	1.5	Benzyl Alcohol & Nonyl Phenol free. Extremely rapid set. Low viscosity.	+++	++	-
FS-1608	44	3,500	9.0	20	14	1.5	Benzyl Alcohol & Nonyl Phenol free. Extremely rapid set. Low viscosity.	+++	++	-
HCR	90	200	8.6	48	46	5	Superior chemical resistance. Low viscosity and low odor. Outstanding adhesion to concrete.	+	+++	++
HCR-280	115	500	8.7	60	60	6	Excellent resistance to amine blush and water spotting at ambient and low temps. Excellent chemical resistance.	+	+++	+
LM	170	1,800	8.2	90	16	1.5	Polymer overlays. Low modulus. DOT epoxies	+++	++	-
UW	143	2,500	8.5	75	34	5	High compressive strength (10,500psi). Splash zone compound and coatings. Underwater mortars and grouts.	+++	+	++
UWL	95	2,500	8.4	50	85	9	Cure in place piping resins. Splash zone compound and coatings. Underwater injection resin and coatings.	+++	+	++

* L.E.R. - Liquid Epoxy Resin 190 EEW

** Typical properties at 75°F

+++ = Very Highly Recommended, ++ = Highly Recommended, + = Recommended, - = Not Recommended

CHART LEGEND

Civil Engineering Applications — Construction Adhesives, Injection Resins, Bonding Agents, Polymer Concrete, Grouts

Flooring Binder Applications — Coatings, Broadcast Aggregate, Broadcast Flake, Trowel, Fast Cure Flooring, Terrazzo

Composite Applications — Filament Winding, Pipe

+++ — Very Highly Recommended

++ — Highly Recommended

+ — Recommended

- — not recommended



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