

TD.417 – TECHNICAL DATA: Stain and Coloring Options

Revised: 1.15.16

This chart should be considered a guide only. Read the Elite Crete Systems Product Information (PI), Technical Data (TD) and SDS for each product referenced below.

Exterior Applications

	ULTRA-STONE™ Antiquing Stain	CHEM-STONE™ Reactive Stain	HYDRA-STONE™ Dye Stain	PORTION CONTROL COLORANT™	SYNTHETIC PRIMARY PIGMENT™	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Exterior – Conventional concrete – Non-overlaid	NO	YES	NO	Integral	Integral	NO	YES but not recommended
Exterior – Full depth stamped concrete	NO	YES	NO	Yes but not recommended	Yes but not recommended	NO	YES – In CSS EMULSION™
Exterior – Splatter texture or Knockdown overlay	YES but not recommended	YES but not recommended	NO	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	NO	YES but aesthetically not recommended
Exterior – ¼” Thin stamped overlay	YES	YES	NO	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™ as a stain	NO	YES – In CSS EMULSION™
Exterior – Slate Trowel Down overlay	YES	YES	NO	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	NO	YES – In CSS EMULSION™

Interior Applications

	ULTRA-STONE™ Antiquing Stain	CHEM-STONE™ Reactive Stain	HYDRA-STONE™ Dye Stain	PORTION CONTROL COLORANT™	SYNTHETIC PRIMARY PIGMENT™	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Interior – Conventional concrete – Non-overlaid	NO	YES	YES	Integral	Integral	YES	YES – In E100-PT1™ or E100-UV1™
Interior – Full depth stamped concrete	NO	YES	YES	Yes but not recommended	Yes but not recommended	YES but not recommended	YES – In E100-PT1™ or E100-UV1™
Interior – Polish concrete	NO	YES	YES	Yes but not recommended	Yes but not recommended	YES but not recommended	NO
Interior – Splatter texture or Knockdown overlay	YES	YES	YES	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	YES but not recommended	YES – In E100-PT1™ or ULTRA-STONE™
Interior – ¼” Thin stamped overlay	YES	YES	YES	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	YES but not recommended	YES – In E100-PT1™, E100-UV1™ or ULTRA-STONE™
Interior – Slate Trowel Down overlay	YES	YES	YES	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	YES but not recommended	YES – In E100-PT1™, E100-UV1™ or ULTRA-STONE™
Interior – MICRO-FINISH™ overlay	YES	YES	YES	Integral	Integral	YES but a not recommended	YES – In E100-PT1™, E100-UV1™ or ULTRA-STONE™

Individual Properties to Note

	ULTRA-STONE™ Antiquing Stain	CHEM-STONE™ Reactive Stain	HYDRA-STONE™ Dye Stain	PORTION CONTROL COLORANT™	SYNTHETIC PRIMARY PIGMENT™	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Breathable (allows water vapor transmission/evaporation)	YES	YES	YES	YES	YES	NO	YES
Will discolor, fade or amber when exposed to long periods of direct sun light.	NO	NO	Yes depending on reduction, color, substrate & exposure	NO	NO	YES	NO
Need adequate ventilation due to solvent vapor/flammability	NO	NO	YES	NO	NO	NO	Depend on carrier

Cures by evaporation and saturation into the substrate	YES	YES	YES	YES	YES	NO	Depend on carrier
Number of available standard colors	36	8	20	30	6	10	18
Typical application method	Pump up sprayer or foam brush	Pump up sprayer or foam brush	Pump up sprayer or foam brush	See: ULTRA-STONE™	See: ULTRA-STONE™	Notched squeegee and/or paint roller	Depends on carrier
Package size	1 gallon bottle or 5 gallon pail	1 gallon bottle or 5 gallon pail	1 quart bottle, 1 gallon bottle, 5 gallon pail or Powder Pack	1 quart bottle or 1 gallon bottle	1 quart or 1 gallon bottle	1.5 gallon, 3 gallon or 15 gallon kit. (2 part kit)	2 fluid ounce jars or 32 fluid ounce jars