

TD.417 – TECHNICAL DATA: Stain and Coloring Options

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This chart should be considered a guide only. Read the Elite Crete Systems Product Information (PI), Technical Data (TD) and MSDS 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™	COLOR-FAST™ CH & RA	Powdered Integral Colorant	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Exterior – Conventional concrete – Non-overlaid	NO	YES	NO	Integral	Integral	YES	YES - Integral	NO	YES but not recommended
Exterior – Full depth stamped concrete	NO	YES	NO	Yes but not recommended	Yes but not recommended	YES	YES - Integral	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	NO	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	NO	NO	YES – In CSS EMULSION™
Exterior – Slate Trowel Down overlay	YES	YES	NO	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	NO	NO	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™	COLOR-FAST™ CH & RA	Powdered Integral Colorant	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Interior – Conventional concrete – Non-overlaid	NO	YES	YES	Integral	Integral	YES	Integral	YES	YES – In E100-PT1™
Interior – Full depth stamped concrete	NO	YES	YES	Yes but not recommended	Yes but not recommended	YES	Integral	YES but not recommended	YES – In E100-PT1™
Interior – Polish concrete	NO	YES	YES	Yes but not recommended	Yes but not recommended	NO	YES - Integral	YES but not recommended	NO
Interior – Splatter texture or Knockdown overlay	YES	YES	YES	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	NO	NO	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™	NO	NO	YES but not recommended	YES – In E100-PT1™ or ULTRA-STONE™
Interior – Slate Trowel Down overlay	YES	YES	YES	Integral or with ULTRA-STONE™	Integral or with ULTRA-STONE™	NO	NO	YES but not recommended	YES – In E100-PT1™ or ULTRA-STONE™
Interior – MICRO-FINISH™ overlay	YES	YES	YES	Integral	Integral	NO	NO	YES but a not recommended	YES – In E100-PT1™ or ULTRA-STONE™

Other Applications

	ULTRA-STONE™ Antiquing Stain	CHEM-STONE™ Reactive Stain	HYDRA-STONE™ Dye Stain	PORTION CONTROL COLORANT™	SYNTHETIC PRIMARY PIGMENT™	COLOR-FAST™ CH & RA	Powdered Integral Colorant	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Vertical wall coating	YES	YES	YES	Integral or with ULTRA-STONE™ as a stain	Integral or with ULTRA-STONE™ as a stain	NO	NO	NO	YES
Cast in place countertop using conventional concrete	NO	YES	YES – Interior only	Integral	Integral	NO	YES	YES but not recommended	NO

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use our products for. **Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose,** nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental or consequential damages.

Cast in place countertop using TEXTURE-PAVE™	YES	YES	YES – Interior only	Integral or with ULTRA-STONE™ as a stain	Integral or with ULTRA-STONE™ as a stain	NO	NO	YES but not recommended	YES – In E100-PT1™ or ULTRA-STONE™
GFRC using THIN-FINISH™ as the “gel” coat and TEXTURE-PAVE™ as the “pack” coat	NO	YES	YES – Interior only	Integral	Integral	NO	NO	YES but not recommended	YES – In E100-PT1™ 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™	COLOR-FAST™ CH & RA	Powdered Integral Colorant	E100-PT4™ Pigmented Epoxy	REFLECTOR™ Enhancer
Breathable (allows water vapor transmission/evaporation)	YES	YES	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	NO	NO	YES	NO
Need adequate ventilation due to solvent vapor/flammability	NO	NO	YES	NO	NO	NO	NO	NO	Depend on carrier
Cures by evaporation and saturation into the substrate	YES	YES	YES	YES	YES	YES	YES	NO	Depend on carrier
Number of available standard colors	36	8	20	30	6	24	32	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™	Broadcast onto freshly placed, conventional concrete	Added to the concrete mix before placing	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 or 5 gallon pail	1 quart bottle or 1 gallon bottle	1 quart or 1 gallon bottle	CH = 60 pound bags or pails RA = 30 pound bags or pails	Depends on exact color chosen. 5 to 30 pound dissolvable bags	1.5 gallon, 3 gallon or 15 gallon kit. (2 part kit)	2 fluid ounce jars or 8 fluid ounce jars