

TD.417 – TECHNICAL DATA: Stain and Coloring Options

Revised: 3/16/2023 Version: 1.3

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 | 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 |