

**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™<br>Antiquing Stain | CHEM-STONE™<br>Reactive Stain | HYDRA-STONE™<br>Dye Stain | PORTION<br>CONTROL<br>COLORANT™ | SYNTHETIC<br>PRIMARY<br>PIGMENT™         | E100-PT4™<br>Pigmented<br>Epoxy | REFLECTOR™<br>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™<br>Antiquing Stain | CHEM-STONE™<br>Reactive Stain | HYDRA-STONE™<br>Dye Stain | PORTION<br>CONTROL<br>COLORANT™ | SYNTHETIC<br>PRIMARY<br>PIGMENT™ | E100-PT4™<br>Pigmented<br>Epoxy | REFLECTOR™<br>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™<br>Antiquing Stain | CHEM-STONE™<br>Reactive Stain | HYDRA-STONE™<br>Dye Stain                               | PORTION<br>CONTROL<br>COLORANT™ | SYNTHETIC<br>PRIMARY<br>PIGMENT™ | E100-PT4™<br>Pigmented<br>Epoxy | REFLECTOR™<br>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      |

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|   |                                  |                                  |   |                                   |                            |   |   |
|---|----------------------------------|----------------------------------|---|-----------------------------------|----------------------------|---|---|
| <b>Cures by evaporation and saturation into the substrate</b> | YES                              | YES                              | YES   | YES                               | YES                        | NO  | Depend on carrier                         |
| <b>Number of available standard colors</b>                    | 36                               | 8                                | 20  | 30                                | 6                          | 10  | 18  |
| <b>Typical application method</b>                             | 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                        |
| <b>Package size</b>   | 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 |