

TD.414 – TECHNICAL DATA: Protective Sealer and Coating Options

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This document should be considered a guide only. Read the Elite Crete Systems; Product Information (PI), Technical Data (TD) and Safety Data Sheet (SDS) for each product referenced below. It is always recommended to consult with your local Technical Support office before specifying or using any of these products to ensure proper use and functionality.

Use the Key located on the right to determine which products are recommended for various types of applications. Although many applications offer suggestions for multiple options of products, the product code that is in **BOLD** print is the most recommended.

Also note that for some applications, the recommended product is actually a combination of two or more products.

Consult with your local Technical Support office for additional product recommendations and to discuss the pros and cons of each product specific to the details of the project.

The product codes used in this document are only relevant in this document and not for reference of the products outside of this document. This document is subject to frequent updates. For the most recent version, visit us online at elitecrete.com.

KEY	
Product	Code
WCS EMULSION™	WC
CSS EMULSION™	CS
E100-PT1™	E1
E100-PT1™ Fast	EF
E100-UV1™	UV
E100-PT4™	E4
E100-PT3™	E3
SPARTIC-ALL™ RM	SA
AUS-V™ Gloss or Satin	AU
E100-VB5™	E5
E100-NV4™	N4
E100-NV5™	N5

Application Descriptions	Suggested Product
Exterior – Conventional concrete (must be clean, no paint, sealers, curing agent or petrochemicals present)	WC, CS
Exterior – Splatter texture/knockdown or slate trowel down overlayment	WC, CS
Exterior – Broom finish/restoration	WC, CS
Exterior – Thin stamped overlay	WC, CS
Exterior – Stained conventional concrete or stained overlayment	WC, CS
Interior – Residential - Clear Coating: Where minimal sealer/coating thickness is needed.	WC, E3
Interior – Residential - Clear Coating: Where thickness of sealer/coating is not an issue.	WC, E3, E1 , EF, UV
Interior – Residential - Clear Coating: Where good to excellent stain and abrasion resistance is needed.	E3, E1, EF, UV, E1&AU
Interior – Commercial - Clear Coating: Where excellent to exceptional stain and abrasion resistance.	E1, EF, UV, E1&AU , SA
Interior – Industrial - Clear Coating: Where good to excellent stain and abrasion resistance is needed.	E1&AU , EF, UV, N5, SA
Interior – Industrial - Colored Coating: Where excellent to exceptional stain and abrasion resistance is needed	E4, N4, N5
Application Examples	
Exterior - Sidewalks, pool decks, patios and driveways	WC, CS
Interior – Residential light traffic flooring	WC, E3&AU , E1, EF, UV
Residential garage floor – Smooth finish	E3, E1, EF, UV, E4, E1&AU
Residential garage floor – flake or quartz full broadcast	E3, E1, EF, UV, E4, SA
Interior - Commercial floors such as malls, schools, retail stores, hotels, casinos, medical facilities, veterinarian clinics and office complexes	E1, EF, UV, E3, E1&AU , N4, SA
Industrial floors where a colored, protective coating is needed such as warehouses, maintenance areas, shipping/receiving areas and manufacturing facilities	E4, N4, N5, E5&E4&AU
Individual Properties to Note	
Breathable (allows water vapor transmission)	WC, CS
Non-breathable (does not allow water vapor transmission)	E1, EF, UV, E4, E3, E5, N4, N5, SA
UV stable or resistant	WC, CS, SA, AU
HIGHLY FLAMMABLE: Needs adequate ventilation due to solvent vapors. Do not use indoors or in unventilated areas	CS
Available in stock or custom colors	E4, N4, N5
Can regulate the solids content depending on the application	CS, WC
Cures by evaporation and saturation	CS, WC
Cures by chemical reaction	E1, EF, UV, E4, E3, SA, E5, N4, N5