

Pool Deck Coatings

CSI Division 3: Concrete - Decorative & Repair



elite crete systems

Engineered High Performance Surfaces & Flooring



Pool Deck Coatings are polymer modified to act as surface repair or an aesthetic finish that can be applied to new or existing concrete surfaces. The coating is actually stronger than concrete and can withstand vehicular traffic and harsh temperatures (extreme hot or cold).

BENEFITS

- Virtually unlimited designs, patterns, textures and color options.
- Non-slip even when wet.
- Can create the authentic look and feel of any stone, brick, tile, wood and even just plain new concrete.
- Available in any color combination to match surrounding design.
- Cost effective compared to: full depth stamped concrete, pavers, brick, real stone or integrally colored concrete.
- Extreme durability for high traffic areas.
- Very low maintenance.
- Highly resistant to deicing salts, freeze/thaw climates, extreme heat, wet conditions and UV rays.
- Quick installation time.
- Can be installed pre or post construction.
- For new or existing concrete surfaces.



TECHNICAL DATA

PROPERTY	RESULT
Compressive Strength	
1 day	1320 to 1440 psi
7 days	3700 to 3920 psi
28 days	4730 to 4890 psi
Flexural Strength	
7 days	940 to 990 psi
28 days	1380 to 1490 psi
Tensile Strength	
7 days	320 to 380 psi
28 days	740 to 810 psi
Abrasion Loss	
Unsealed	0.17 to 0.21%
Density	
7 days	1.16 to 1.19 g/cm ³
28 days	1.80 to 1.92 g/cm ³
Shear Bond	
7 days	335 to 350 psi
28 days	560 to 585 psi
Cohesive Strength	
7 days	50 to 58 psi
28 days	95 to 102 psi
Impact Resistance	
7 days	15 to 17 inch/lbs.
28 days	28 to 32 inch/lbs.

Variance in results due to different applications and thickness.



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Elite Crete Systems, Inc.

1061 Transport Drive
Valparaiso, Indiana 46383

Phone: +1.219.465.7671 Fax: +1.219.531.0898

Toll Free: 888-323-4445

Email: info@elitecrete.com

www.elitecrete.com

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