

# 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                         |
|-----------------------------|--------------------------------|
| <b>Compressive Strength</b> |                                |
| 1 day                       | 1350 to 1425 psi               |
| 7 days                      | 3655 to 3750 psi               |
| 28 days                     | 4565 to 4800 psi               |
| <b>Flexural Strength</b>    |                                |
| 7 days                      | 875 to 990 psi                 |
| 28 days                     | 1415 to 1450 psi               |
| <b>Tensile Strength</b>     |                                |
| 7 days                      | 350 to 375 psi                 |
| 28 days                     | 700 to 750 psi                 |
| <b>Abrasion Loss</b>        |                                |
| Unsealed                    | 0.17 to 0.19%                  |
| <b>Density</b>              |                                |
| 7 days                      | 1.17 to 1.19 g/cm <sup>3</sup> |
| 28 days                     | 1.89 to 1.95 g/cm <sup>3</sup> |
| <b>Shear Bond</b>           |                                |
| 7 days                      | 320 to 335 psi                 |
| 28 days                     | 575 to 595 psi                 |
| <b>Cohesive Strength</b>    |                                |
| 7 days                      | 52 to 58 psi                   |
| 28 days                     | 98 to 103 psi                  |
| <b>Impact Resistance</b>    |                                |
| 7 days                      | 16 to 19 inch/lbs.             |
| 28 days                     | 28 to 29 inch/lbs.             |

Variance in results due to different applications and thickness.



# elite crete systems

### 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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