



Color-Crown Corporation
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STARDEK Overlay Floor Systems

Technical Bulletin

Super Bonding:

STARDEK Overlay Floor Systems form an unusually strong lasting bond with most building materials. Bonds to concrete, foam board, drywall, cement, or gypsum based board, plasters, etc.

Flexibility:

STARDEK Overlay Floor has unusual flexible qualities enabling it to withstand the normal controlled movement of many substrate applications where a rigid, brittle cementitious coating would fall.

Waterproofing:

Field and laboratory testing has proven superior waterproofing capability both below – grade and above 0 grade applications.

Durability:

Based on years of actual field applications and testing, STARDEK Overlay Floor Products are highly resistant to the effects of weathering and exposure to the elements even in severe weathering conditions such as freeze-thaw and high temperatures.

Composition:

STARDEK Overlay Floor Product is a Portland cement based product with light weight aggregates and water based polymer adhesive bonding agents, creating lasting strength and insulative qualities.

Color:

STARDEK Overlay Floor Products are colored with permanent mineral pigments, which resists change and fading.

Typical Physical Strength Properties of STARDEK Overlay Floor System

TENSILE STRENGTH	(PSI)
28 day air cure	600
COMPREHENSIVE STRENGTH	(PSI)
28 day air cure	Av.2500
FLEXUAL STRENGTH	
28 day air cure	1560

Chemical Resistance Guide

- Alkalis:** Excellent
- Solvents:** Very Good
- Salts:** Excellent
- Oil and Gasoline:** Very Good
- Water:** Excellent
- Rust:** Inhibits rust bleed-through from substrate