

TD.431 – TECHNICAL DATA: TEXTURE-PAVE™ Pre-Mixed Overlay

Revised: 10/8/21 Version: 1.2

Product Class: Dry, Redispersible, Polymer Modified, Cement based Mortar

Use Applications:

- For resurfacing and regrading of concrete substrates and surface repairs greater than ¼” / 6mm.
- For creating thin architectural/decorative overlays, interior/exterior thin stamped overlays, and seamless interior flooring.

Key Features:

- Better overall performance than most other resins, modifiers and polymers, including: acrylic, polyvinyl acetate, VAE, styrene, and silicone.
- Provides a permanent bond (with correct substrate preparation on stable concrete surfaces above grade).
- High levels of moisture resistance and flexural/tensile strengths.
- Increased texturing capabilities with unlimited finish options.
- Exceptionally long pot life.
- Can be colored integrally with PORTION CONTROL COLORANT™ (PCC) or SYNTHETIC PRIMARY PIGMENT™ (SYPP).
- Can be colored/stained topically with ULTRA-STONE™ Antiquing Stain, CHEM-STONE™ Reactive Stain or HYDRA-STONE™ Dye Stain.
- Resistant to moisture deterioration.
- Resistant to weather, including UV degradation, and freeze-thaw cycles.

Physical Properties

@ 77° F / 24° C, 50% R.H.

Appearance		White fine powder
Weight (lbs.) per stock container		55 lbs.
Compressive strength	ASTM D695	
1-day		1425 psi
7 days		3655 psi
28 days		4565 psi
Tensile strength	ASTM D638	
7 days		375 psi
28 days		700 psi
Flexural strength	ASTM D790	
7 days		875 psi
28 days		1415 psi
Abrasion loss		0.19%
Density		
7 days		1.19 g/cm3
28 days		1.95 g/cm3
Shear bond		
7 days		320 psi
28 days		595 psi
Cohesive		
7 days		58 psi
28 days		103 psi
Impact Resistance		
7 days		19 in/lbs.
28 days		29 in/lbs.
Slant shear	ASTM C882	100% concrete failure
Reaction to fire	EN 13501-1:2018	B _{FL} – s1
Application temperature		40° F / 4° C to 100° F / 38° C
Cured @ 70° F / 21° C		
70%		7 days
100%		28 days

Suggested Storage:

- Store in a temperature and weather-controlled area between 65° F / 18° C and 85° F / 29° C.
- Do not allow to freeze.
- Shelf Life: 1 year in original unopened containers.

