ProSpec[®]

CONSTRUCTION CHEMICALS SELECTION GUIDE



SPEC BLENDED CONSTRUCTION PROD						
FAST-SET LIQUID Activator	AIR ENTRAINMENT	SET ACCELERATOR	MIGHTY BOND	RESTORATION CLEANER	LEVEL-FLO PRIMER	CONCRETE & MASONRY DISSOLVER
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 Use with ProSpec Air-Entrained Concrete Patching Mix AE Develop rapid strength and establish quicker set time Typically commercial use for high-traffic concrete pavements, parking structures, bridge deck repairs, industrial floors Non-chloride formula, non-corrosive 	 Liquid additive that entrains small stable air voids into concrete mix to enhance freeze/thaw durability and workability of concrete or mortar Improves resistance to scaling, segregation and bleeding, strength, plasticity, water retention and mortar cohesiveness 	 Type C, non-chloride, non-corrosive liquid addi- tive to improve workability and initial strength while reducing hydration time of cement mixes. Recommended for use during cooler weather to accelerate set-times and increase early-strength without corrosive effects 	 High-solids, acrylic, liquid bonding agent to substantially improve adhesion, impact and shear bond, tensile, flexural, and compressive strength of non-modified concrete mortars, patches, and grouts Solvent free, VOC compliant Extends open time/pot life Improved resistance to freeze/thaw cycles and efflorescence Excellent UV light resistance 	 Mild acidic liquid cleaner to dissolve efflorescence and remove rust stains from concrete and masonry surfaces Prepares concrete and surfaces for repairs Enables sealers to better penetrate existing concrete or masonry 	 For use over porous surfaces as a substrate primer before use of Level-Flo underlayments Enhances self-leveling flow and adhesion Water based, liquid polymer-latex Interior use only 	 Enviornmentally- friendly liquid alternative to aggressive acid concrete removers Ready to use Non-toxic to plants and vegetation Non-corrosive and non-fuming
APPLICATION						
40°F-90°F	50°F-90°F	20°F-95°F	40°F-95°F	50°F-90°F	50°F-90°F	40°F-95°F
Meets ASTM C494	Meets ASTM C260	Meets ASTM C494	Meets ASTM C1059 Exceeds ANSI A118.4 and A118.11	N.A.	N.A.	N.A.
Reduces the closure time of high-traffic areas from 24 hours to 4-5 hours	Adds air to mix for freeze-thaw durability	Allows hydration in Portland to continue in cool temperatures	Improved workability and creates a more durable cement-based finished product	Cleans and restores Dissolves mineral deposits	Concentrated, dilute at job site	Cleans unwanted concrete and mortar residue from surfaces
Use 1 gallon per 100 pounds of dry Concrete Patching Mix AE	Use ratio with concrete mix is dependent upon desired air content Typical final air content is 6.5%-8% Minimum 3 oz. to 16 oz. per bag	Use full strength in most cases	Use full strength, up to 3:1 dilution per type of mix (Mighty Bond to water)	Use full strength	For porous concrete substrates dilute 1:1 For plywood substrates dilute 3:1 (primer to water)	Use full strength
Admixture for ProSpec Air-Entrained Concrete Patching Mix AE	Admixture for any concrete and cement mix, mortar, or grout when used on exterior applications in freeze/thaw climates	Cold weather admixture for concrete and cement mixes, mortars, or grouts. Not recommended for fast-setting mix designs	Admixture for any non-modified concrete and cement mix, tile setting mortar, or grout Also used with polymer- modified mixes when applied to difficult to bond substrates	Surface cleaner for cured concrete, brick, or masonry surfaces including pavers	Surface primer prior to application of self-leveling underlayments	Clean tools, equipment, siding, etc.
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For Technical Product Data, Industry Standards, and Material Safety Data Sheets on all of the ProSpec® products, please visit our website at www.tccmaterials.com