



Grouting & Anchoring Application Guide

AGGREGATE GROUTS					NON-AGGREGATE GROUTS			
ANCHORING CEMENT <i>Pourable Anchoring Cement</i>	EG GROUT <i>High Flow, Non-Shrink, Non Corrosive Grout</i>	GP GROUT <i>High Strength, Non-Shrink, Non Corrosive Grout</i>	MP GROUT <i>High Flow, High Strength, Non-Shrink, Non Corrosive Grout</i>	HE GROUT <i>High Early Strength, Non-Shrink Grout</i>	FS GROUT <i>High Flow, Fast Setting, Non-Shrink Grout</i>	RA GROUT <i>High Flow, Non-Aggregate, Non-Shrink Anchoring Grout</i>	NA GROUT <i>High Flow, Non-Aggregate, Non-Shrink PT Grout</i>	NA-100 <i>High Flow, Bleed Resistant, Non-Aggregate, Non-Shrink PT Grout</i>
USES Anchoring Cement is ideal for a wide variety of applications: <ul style="list-style-type: none"> Anchoring of wood or metal sign posts, fence posts, parking meters, dowels and rods Setting appliances, machinery, processing equipment and conveyors Bridge railings and other fixtures in concrete and masonry 	USES EG Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Machinery Grouting: Machinery bases, compressors, punch presses, generators Structural Grouting: Steel columns, precast columns, crane rails, beams Anchoring: Guard rails, sign posts, dowels, rods, bolts, post-tension anchors 	USES GP Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Machinery Grouting: Machinery bases, compressors, punch presses, generators Structural Grouting: Steel columns, precast columns, crane rails, beams Anchoring: Guard rails, sign posts, dowels, rods, bolts, post-tension anchor heads 	USES MP Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Precision Grouting: Machinery bases, compressors, punch presses, generators Structural Grouting: Steel columns, precast columns, crane rails, beams Underwater Grouting: Form and pump applications Anchoring: Guard rails, sign posts, dowels, rods, bolts Pumping Applications: Excellent flowability 	USES HE Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Precision Grouting: Machinery bases, compressors, punch presses, generators Structural Grouting: Steel columns, precast columns, crane rails, beams Anchoring: Guard rails, sign posts, dowels, rods, bolts Pumping Applications: Excellent flowability 	USES FS Grout is ideal for a wide variety of applications that require a short turnaround time: <ul style="list-style-type: none"> Precision Grouting: Machinery bases, compressors, punch presses, generators Structural Grouting: Steel columns, precast columns, crane rails, beams Anchoring: Guard rails, sign posts, dowels, rods, bolts 	USES RA Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Grouting of tight clearances between precast segments, beams, columns, fissures and cracks in rocks Anchor bolts, soil nails, rock and ground anchors, dowels and rods where sanded grouts restrict complete encapsulation Pumping applications and maximizing anchorages 	USES NA Grout is ideal for a wide variety of applications: <ul style="list-style-type: none"> Grouting of tight clearances between precast segments, beams and columns in contact with stressed steel tendons or cables Pumping applications in areas around tensioned cables and tendons to encapsulate and maximize anchorage 	USES NA-100 is ideal for a wide variety of applications that: <ul style="list-style-type: none"> Vertical and horizontal post-tension grouting of stressed steel to provide complete encapsulation and protection from corrosion Grouting of tight clearances between precast segments, beams and columns in contact with stressed steel tendons or cables
BENEFITS <ul style="list-style-type: none"> Will not deteriorate with exposure to water Longevity: Resists freeze/thaw cycles Performance: Expands to lock into place 	BENEFITS <ul style="list-style-type: none"> Versatile: Suitable for plastic and fluid consistencies Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Non-Corrosive: Will not rust Security: Maximum, uniform bearing support Performance: Joins, supports and anchors 	BENEFITS <ul style="list-style-type: none"> Workability: Meets standards through a wide range of consistencies Thixotropic: High flow restored by agitation Non-Corrosive: Will not rust Cost Effective: Extendable Strength: Attains high compressive strengths at specified water ratios Economical: Good performance and low cost Performance: Joins, supports and anchors Hardens free of bleeding or segregation 	BENEFITS <ul style="list-style-type: none"> Versatile: Plastic or fluid consistency Cost effective: Extendable Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Non-Corrosive: Will not rust Security: Maximum, uniform bearing support Performance: Joins, supports and anchors Hardens free of bleeding or segregation 	BENEFITS <ul style="list-style-type: none"> Cost effective: Extendable Strength: Attains high compressive strengths at specified water ratio Thixotropic: High flow restored by agitation Security: Maximum, uniform bearing support Non-Metallic/Non-Corrosive: Will not rust Hardens free of bleeding or segregation 	BENEFITS <ul style="list-style-type: none"> Versatile: Suitable for plastic and fluid consistencies Fast Setting: Achieves high early strengths Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Non-Corrosive: Will not rust Security: Maximum, uniform bearing support Performance: Joins, supports and anchors Low temperature placement 	BENEFITS <ul style="list-style-type: none"> Extreme fluidity: Can be pumped into areas that are virtually inaccessible with standard non-shrink grouts Working time: Extended for maximum pumping range Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Corrosion Protection: Encapsulates tendons, bolts or bars to protect from corrosion Bleed Characteristics: Less than 2% bleed when tested at 30 psi per ASTM C1741 via PTI M55.1-12, Section 4.4.6.2 	BENEFITS <ul style="list-style-type: none"> Extreme fluidity: Can be pumped into areas that are virtually inaccessible with standard C1107 non-shrink grouts Working time: Extended for maximum pumping range Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Corrosion Protection: Encapsulates tendons, bolts or bars to protect from corrosion Zero Bleed: When tested to 100 psi per ASTM C1741 via PTI M55.1-t12, Section 4.4.6.2 	BENEFITS <ul style="list-style-type: none"> Extreme fluidity: Can be pumped into areas that are virtually inaccessible with standard C1107 non-shrink grouts Working time: Extended for maximum pumping range Strength: Attains high compressive strengths at specified water ratios Thixotropic: High flow restored by agitation Corrosion Protection: Encapsulates tendons, bolts or bars to protect from corrosion Zero Bleed: When tested to 100 psi per ASTM C1741 via PTI M55.1-t12, Section 4.4.6.2
STANDARDS NA	STANDARDS ASTM C1107 CRD C621	STANDARDS ASTM C1107 CRD C621	STANDARDS ASTM C1107 CRD C621	STANDARDS ASTM C1107 CRD C621	STANDARDS ASTM C1107 CRD C621	STANDARDS ASTM C1107 CRD C621	STANDARDS PTI M55.1-12	STANDARDS PTI M55.1-12
COMPRESSIVE STR. 2,300 psi (1 day) 5,000 psi (28 day)	COMPRESSIVE STR. (fluid - plastic) 2,000 - 3,000 psi (1 day) 6,000 - 7,000 psi (28 day)	COMPRESSIVE STR. (fluid - plastic) 2,000 - 3,500 psi (1 day) 7,000 - 8,500 psi (28 day)	COMPRESSIVE STR. (fluid - plastic) 3,500 - 4,200 psi (1 day) 7,500 - 8,500 psi (28 day)	COMPRESSIVE STR. 4,800 psi (1 day) 12,500 psi (28 day)	COMPRESSIVE STR. (fluid - plastic) 3,000 - 4,000 psi (1 day) 8,000 - 10,000 psi (28 day)	COMPRESSIVE STR. 4,500 psi (1 day) 12,000 psi (28 day)	COMPRESSIVE STR. 7,000 psi (7 day) 10,000 psi (28 day)	COMPRESSIVE STR. 7,000 psi (7 day) 10,000 psi (28 day)
APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS 1-3" Neat Up to 8" Extended	APPLICATION THICKNESS NA	APPLICATION THICKNESS NA	APPLICATION THICKNESS NA
RATE OF SET Working: :10 Initial: :15 Final: :20	RATE OF SET (plastic-fluid) Working: :50 - 3:00 Initial: 1:20 - 4:00 Final: 4:00 - 6:00	RATE OF SET (plastic-fluid) Working: :45 - 1:45 Initial: 2:00 - 4:00 Final: 3:30 - 5:30	RATE OF SET (plastic-fluid) Working: :40 - 2:30 Initial: 1:09 - 3:30 Final: 2:15 - 5:30	RATE OF SET Working: :30 Initial: 1:00 Final: 2:00	RATE OF SET (plastic-fluid) Working: :10 - :30 Initial: :15 - :45 Final: :25 - 1:00	RATE OF SET Working: 2:30 Set: 8:00	RATE OF SET Working: 2:30 Set: 8:00	RATE OF SET Working: 4:00 Set: 8:30
CONSISTENCY Flowable	CONSISTENCY Plastic - Fluid	CONSISTENCY Plastic - Fluid	CONSISTENCY Plastic - Fluid	CONSISTENCY Flowable	CONSISTENCY Flowable - Fluid	CONSISTENCY Fluid	CONSISTENCY Fluid	CONSISTENCY Fluid
COVERAGE/YIELD 14 in³	COVERAGE/YIELD 0.43 ft³	COVERAGE/YIELD 0.43 ft³	COVERAGE/YIELD 0.43 ft³	COVERAGE/YIELD 0.43 ft³	COVERAGE/YIELD 0.43 ft³	COVERAGE/YIELD 0.53 ft³	COVERAGE/YIELD 0.53 ft³	COVERAGE/YIELD 0.53 ft³



Restoration & Repair Application Guide

VERTICAL RESURFACING			VOIDS & DEFECTS			
3-2-1 <i>Cementitious Resurfacing Coating</i>	AQUACOAT <i>Cementitious Water-Resistant Coating</i>	LISO <i>Cementitious Smoothing Patch</i>	HYDRAULIC CEMENT <i>Rapid-Setting Hydraulic Patch</i>	MS GUNITE <i>Microsilica Reinforced Gunitite</i>	QUICKSET <i>Rapid Setting Repair Patch</i>	V/O PATCH CI <i>One-Component, Polymer-Modified Repair Patch</i>
USES 3-2-1 is ideal for a wide variety of concrete repairs: <ul style="list-style-type: none"> Resurfacing, rubbing and finishing of precast and tilt-up concrete products Cementitious rub for defective concrete formwork Refinish old, vertical, concrete surfaces Bridge beams, wing walls, abutments, columns and structural surface repair Fill in pits, voids and defects in concrete, masonry, plaster, sheetrock or wood 	USES Aquacoat is ideal for: <ul style="list-style-type: none"> Protecting concrete, brick, block, stone and other masonry above or below grade Interior and exterior in applications such as tanks, tunnels, pools, manholes, reservoirs, pipes, troughs, walls, etc. 	USES Liso is ideal for a wide variety of concrete repairs: <ul style="list-style-type: none"> Resurfacing, rubbing and finishing of precast and tilt-up concrete products Cementitious rub for defective concrete formwork Refinish old, vertical, concrete surfaces Fill in pits, voids, chipped edges and defects in concrete and masonry 	USES Hydraulic Cement is ideal for applications to stop the seepage of water through cracks and faults in concrete and masonry structures: <ul style="list-style-type: none"> Dams, basements, swimming pools, manholes Cisterns, water tanks, underground electric vaults Elevator pits, mines, tunnels, sewers, culverts Water pipe joints Any situation requiring a fast, durable long lasting repair 	USES MS Gunitite is ideal for use on: <ul style="list-style-type: none"> Rock stabilization projects Pool construction Parking decks Tunnels Dam repair Retaining walls Bridge structures Water treatment plants Piers and docks 	USES Quickset is ideal for a wide variety of concrete surface repairs: <ul style="list-style-type: none"> Precast concrete products Tilt-up panels Curbs Steps Columns Sidewalks 	USES V/O Patch CI is ideal for a wide variety of vertical and overhead concrete repairs: <ul style="list-style-type: none"> Parking structures Bridge structures Docks and piers Tunnels Vertical precast concrete products Tilt-up panels Columns Concrete walls
BENEFITS <ul style="list-style-type: none"> Durable: Contains no gypsum Color: Consistent color match for concrete Resistant: Withstands wearing Adhesion: Polymer modified for increased adhesion so paints and coatings bond easily Smooth: Maintains moisture for easy finishing Non-corrosive and non-metallic 	BENEFITS <ul style="list-style-type: none"> Breathable: Allows interior moisture to escape without damaging coating Dry Polymer-Modified: Just add water Resistant: Withstands the intrusion of corrosive deicing salts and freeze/thaw cycles Versatile: Accepts a wide range of architectural and textured coatings Performance: Protects building interiors from moisture damage 	BENEFITS <ul style="list-style-type: none"> Color: Consistent light gray color match for concrete Adhesion: Polymer-modified for increased adhesion so paints and coating bond easily Smooth: Maintains moisture for easy finishing Self-Curing: Paint or seal as soon as dry 	BENEFITS <ul style="list-style-type: none"> Durable: Provides lifetime repairs Color: Consistent color match for concrete Resistant: Withstands freeze/thaw cycles Fast Setting: Sets in 3 to 5 minutes Performance: Instantly stops seepage Vertical and overhead applications 	BENEFITS <ul style="list-style-type: none"> Durable: Provides long lasting repairs Vertical and overhead applications Resistant: Withstands freeze/thaw cycles Impermeable: Improved resistance to chloride intrusion Performance: Reduced rebound allows for thicker layers in one lift Quality: Reduces sagging and slouching Non-corrosive, non-metallic 	BENEFITS <ul style="list-style-type: none"> Resistant: Withstands freeze/thaw cycles Versatile: Horizontal, vertical and overhead Performance: Excellent flexural, tensile and compressive strengths 	BENEFITS <ul style="list-style-type: none"> Resistant: Withstands freeze/thaw cycles Versatile: Horizontal, vertical and overhead Performance: Excellent flexural, tensile and compressive strengths Corrosion Inhibitor: Effectively reduces corrosion rate of steel reinforcement Low Permeability: Reduces potential for corrosion
STANDARDS NA	STANDARDS NA	STANDARDS NA	STANDARDS NA	STANDARDS NA	STANDARDS ASTM C928 R3	STANDARDS ASTM C928 R2
COMPRESSIVE STR. 1,100 psi (1 day) 4,000 psi (28 day)	COMPRESSIVE STR. 1,000 psi (1 day) 3,500 psi (28 day)	COMPRESSIVE STR. 800 psi (1 day) 1,500 psi (28 day)	COMPRESSIVE STR. 2,000 psi (1 day) 5,500 psi (28 day)	COMPRESSIVE STR. 1,800 psi (1 day) 5,200 psi (28 day)	COMPRESSIVE STR. 3,000 psi (3 hr) 7,000 psi (28 day)	COMPRESSIVE STR. 2,000 psi (3 hr) 5,500 psi (28 day)
APPLICATION THICKNESS Featheredge - 1/8"	APPLICATION THICKNESS Featheredge - 1/16"	APPLICATION THICKNESS Featheredge - 1/2"	APPLICATION THICKNESS NA	APPLICATION THICKNESS NA	APPLICATION THICKNESS 1/8" - 2"	APPLICATION THICKNESS 1/8" - 2"
RATE OF SET Working: 1:30 Initial: 3:00 Final: 5:00	RATE OF SET Working: 3:00 Initial: 4:00 Final: 5:00	RATE OF SET Working: 1:20 Initial: 4:00 Final: 6:25	RATE OF SET Working: :01 Initial: :03 Final: :05	RATE OF SET NA	RATE OF SET Working: :24 Initial: :37 Final: :50	RATE OF SET Working Time: :20 Initial: :30 Final: :45
COVERAGE/YIELD 0.43 ft ³	COVERAGE/YIELD 0.43 ft ³	COVERAGE/YIELD 0.43 ft ³	COVERAGE/YIELD 0.43 ft ³	COVERAGE/YIELD 0.43 ft ³ 6 ft ² at 1/2" thickness	COVERAGE/YIELD 0.43 ft ³	COVERAGE/YIELD 0.43 ft ³



Concrete Sealing & Floor Treatments Application Guide

WATER BASED CURES & SEALERS			WATER BASED SEALERS			SOLVENT BASED CURES & SEALERS	
HYDRASHEEN <i>Water-Based Acrylic Cure and Seal</i>	HYDRASHEEN 30% <i>Water-Based Acrylic Cure and Seal</i>	ROCA 1315 <i>Water-Based, Natural Finish, Anti-Blushing Cure and Seal</i>	PERMALITH <i>Lithium Silicate Sealer, Hardener and Densifier</i>	PERMASIL <i>Water-Based Chemical Hardener and Dustproof</i>	PWR <i>Penetrating Water Based Silane/Siloxane Water Repellent</i>	CS-25-1315 <i>UV Stable, Exempt Solvent-Based Acrylic Cure & Seal (25% Solids)</i>	BRS-25 <i>High Gloss, Exempt Solvent Based Sealer (25% Solids)</i>
USES Hydrasheen is ideal for curing and sealing applications: <ul style="list-style-type: none"> Walls Commercial floors Basements Garages Hospitals Industrial floors Pavements Parking decks 	USES Hydrasheen 30% is ideal for curing and sealing applications: <ul style="list-style-type: none"> Walls Commercial floors Basements Garages Hospitals Industrial floors Pavements Parking decks 	USES Roca 1315 is ideal for curing and sealing applications: <ul style="list-style-type: none"> Concrete Masonry Stone Brick Stucco 	USES Permalith is ideal for hardening and dustproofing concrete applications: <ul style="list-style-type: none"> Warehouse floors Processing plants Basements Schools Offices Residential or commercial floors that will receive subsequent flooring, coatings or adhesives 	USES Permasil is ideal for hardening and dustproofing concrete applications: <ul style="list-style-type: none"> Warehouse floors Processing plants Basements Schools Offices Residential or commercial floors that will receive subsequent flooring, coatings or adhesives 	USES PWR is an excellent water repellent for many substrates: <ul style="list-style-type: none"> Brick Concrete Masonry Stucco Natural Sandstone 	USES CS-25-1315 is ideal for curing and sealing applications: <ul style="list-style-type: none"> Walls Commercial floors Basements Garages Hospitals Industrial floors Pavements Parking decks 	USES BRS-25 is ideal for curing and sealing applications: <ul style="list-style-type: none"> Exposed aggregate Precast concrete Mortar, stone and rock face Decorative concrete Tilt-up
BENEFITS <ul style="list-style-type: none"> Contributes to LEED EQ Credit 4.2 Water-Based: Low odor Clean-up with water Minimizes thermal cracking, dusting and defects Performance: Produces hard, dense concrete Strength: Increases compressive and tensile strength compared to untreated concrete 	BENEFITS <ul style="list-style-type: none"> Contributes to LEED EQ Credit 4.2 Water-Based: Low odor Ultra-Violet Stable: Non-yellowing Clean-up with water Minimizes thermal cracking, dusting and defects Performance: Produces hard, dense concrete Strength: Increases compressive and tensile strength compared to untreated concrete 	BENEFITS <ul style="list-style-type: none"> Contributes to LEED EQ Credit 4.2 Water-Based: Low odor Anti-Blushing Performance Fast Drying Ultra-Violet Stable: Non-yellowing Clean-up with water Minimizes thermal cracking, dusting and defects Performance: Produces hard, dense concrete Strength: Increases compressive and tensile strength compared to untreated concrete 	BENEFITS <ul style="list-style-type: none"> Contributes to LEED EQ Credit 4.2 Densities: Increases abrasion resistance of normal concrete by >40% Re-open slab to traffic in one hour Eliminates need for future waxing Can act to enhance concrete hydration without forming a membrane on the surface Performance: Hardens and dustproofs Resistant: Improved resistance to attack from chemicals oils and de-icing salts Non-staining: Will not discolor concrete Pre-Blended: Ready to use 	BENEFITS <ul style="list-style-type: none"> Contributes to LEED EQ Credit 4.2 Can act to enhance concrete hydration without forming a membrane on the surface Performance: Hardens and dustproofs Resistant: Improved resistance to attack from chemicals, oils and de-icing salts Non-staining: Will not discolor concrete Pre-Blended: Ready to use Efficient: Easy application and clean-up 	BENEFITS <ul style="list-style-type: none"> Penetration: Deep depth of diffusion Resistant: Greatly improves resistance to moisture, deicing salts, chemical attack Performance: Rapid development of water repellency Bond: Provides good adhesion for paints Breathes: Excellent vapor transmission Pre-Blended: Ready to use Efficient: Easy application and clean up 	BENEFITS <ul style="list-style-type: none"> Exempt Solvent-Based: Non-freezable Ultra-Violet Stable: Non-yellowing Minimizes thermal cracking, dusting and defects Performance: Produces hard, dense concrete Strength: Increases compressive and tensile strength compared to untreated concrete 	BENEFITS <ul style="list-style-type: none"> Exempt Solvent-Based: Non-freezable Ultra-Violet Stable: Non-yellowing Resists mildew and surface staining Inhibits efflorescence Inhibits attack by airborne contaminants
STANDARDS ASTM C309 Type 1, Class A and B	STANDARDS ASTM C309 Type 1, Class A and B	STANDARDS ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A	STANDARDS NA	STANDARDS NA	STANDARDS NA	STANDARDS ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A	STANDARDS ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A
COVERAGE Curing: 200–300 ft ² /gal Sealing: 200–400 ft ² /gal Second Coat: 400–600 ft ² /gal	COVERAGE Curing: 200–300 ft ² /gal Sealing: 200–400 ft ² /gal Second Coat: 400–600 ft ² /gal	COVERAGE Curing: 200–300 ft ² /gal Sealing: 200–400 ft ² /gal Second Coat: 400–600 ft ² /gal	COVERAGE Broomed Surface: 500–700 ft ² /gal Troweled Surface: 800–1000 ft ² /gal Vertical Surface: 600–700 ft ² /gal Old Concrete: 400–600 ft ² /gal	COVERAGE Broomed Surface: 300–400 ft ² /gal Troweled Surface: 500–600 ft ² /gal Vertical Surface: 400–500 ft ² /gal Old Concrete: 200–300 ft ² /gal	COVERAGE Sealing: 50–300 ft ² /gal Second Coat: 200–400 ft ² /gal	COVERAGE Curing: 300–400 ft ² /gal Sealing: 300–400 ft ² /gal Second Coat: 400–600 ft ² /gal	COVERAGE Exposed Aggregate: 200–400 ft ² /gal Concrete: 200–400 ft ² /gal Brick: 200–400 ft ² /gal Plaster, Stone, Tile: 200–400 ft ² /gal Second Coat: 400–600 ft ² /gal
VOC <100 g/L	VOC <100 g/L	VOC <100 g/L	VOC <20 g/L	VOC <10 g/L	VOC <10 g/L	VOC <350 g/L	VOC <350 g/L
DRY TIME 2-3 hrs at 70°F	DRY TIME 2-3 hrs at 70°F	DRY TIME 2-3 hrs at 70°F	DRY TIME 1 hr at 70°F	DRY TIME 4 hrs at 70°F	DRY TIME 2 hrs at 70°F	DRY TIME 1 hr at 70°F	DRY TIME 1 hr at 70°F
APPEARANCE Low Gloss	APPEARANCE Medium Gloss	APPEARANCE Natural Finish	APPEARANCE Non-Film Forming	APPEARANCE Non-Film Forming	APPEARANCE Non-Film Forming	APPEARANCE Medium Gloss	APPEARANCE High Gloss



Concrete Curing Application Guide

CLEAR CURES		WHITE PIGMENTED CURES				MISCELLANEOUS
MAXCURE RESIN CLEAR <i>Water-Emulsion, Dissipating Resin Curing Compound</i>	MAXCURE RESIN CLEAR 1-D <i>Water-Emulsion, Dissipating Resin Curing Compound</i>	MAXCURE WAX WHITE <i>Water-Emulsion, Wax-Based Curing Compound</i>	MAXCURE RESIN WHITE <i>Water-Emulsion, Dissipating Resin Curing Compound</i>	PAMS 701 WHITE <i>Water-Emulsion, AMS Resin Curing Compound</i>	AMS 3754 WHITE <i>Water-Emulsion, AMS Resin Curing Compound</i>	MONOFILM ER <i>Evaporation Control, Monomolecular Film</i>
USES Maxcure Resin Clear is ideal for curing horizontal and vertical concrete surfaces: <ul style="list-style-type: none"> • Walls • Floors • Structures • Wing walls • Barriers • Abutments • Retaining walls • Bridge decks • Piers • Sidewalks • Curbs and gutters 	USES Maxcure Resin Clear 1-D is ideal for curing horizontal and vertical concrete surfaces: <ul style="list-style-type: none"> • Walls • Floors • Structures • Wing walls • Barriers • Abutments • Retaining walls • Bridge decks • Piers • Sidewalks • Curbs and gutters 	USES Maxcure Wax White is ideal for curing concrete that will be exposed to the sun: <ul style="list-style-type: none"> • Bridge decks • Piers • Highways • Pavement slabs • Airport runways • Parking decks • Sidewalks • Ramps • Curbs and gutters 	USES Maxcure Resin White is ideal for curing concrete that will be exposed to the sun: <ul style="list-style-type: none"> • Bridge decks • Piers • Highways • Pavement slabs • Airport runways • Parking decks • Sidewalks • Ramps • Curbs and gutters 	USES PAMS 701 White is ideal for curing concrete that will be exposed to the sun: <ul style="list-style-type: none"> • Bridge decks • Piers • Highways • Pavement slabs • Airport runways • Parking decks • Sidewalks • Ramps • Curbs and gutters 	USES AMS 3754 White is ideal for curing concrete that will be exposed to the sun: <ul style="list-style-type: none"> • Bridge decks • Piers • Highways • Pavement slabs • Airport runways • Parking decks • Sidewalks • Ramps • Curbs and gutters 	USES Monofilm ER is ideal for use when the concrete surface moisture loss is in excess of the bleed rate of the concrete: <ul style="list-style-type: none"> • Pouring concrete flatwork • Floors • Highways • Pavements • Toppings • Parking decks • Dry shake flooring • Modified concrete
BENEFITS <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Water-Based: Low odor • Clean-up with water • Approved by many state DOTs • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Water-Based: Low odor • Clean-up with water • Approved by many state DOTs • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Water-Based: Low odor • Clean-up with water • Approved by many state DOTs • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Water-Based: Low odor • Clean-up with water • Approved by many state DOTs • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Water-Based: Low odor • Clean-up with water • Approved by many state DOT's • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Water-Based: Low odor • Clean-up with water • Approved by many state DOTs • Minimizes thermal cracking, dusting and defects • Performance: Produces hard, dense concrete • Strength: Increases compressive and tensile strength over untreated concrete • Will not permanently discolor colored concrete 	BENEFITS <ul style="list-style-type: none"> • Reduces surface moisture loss to improve concrete quality during high wind, low humidity, direct sunlight and heated indoor conditions • Labor Savings: Less finishers needed • Can aid in eliminating shrinkage cracking, checking and crusting of freshly poured concrete • Allows for the use of lower water ratio in mix designs • Eliminates the need for additional mix water as an aid for moisture loss during the finishing process • Will not affect the adhesion of curing compounds or subsequent coatings
STANDARDS ASTM C309 Type 1, Class A and B; AASHTO M148	STANDARDS ASTM C309 Type 1-D, Class A and B; AASHTO M148	STANDARDS ASTM C309 Type 2, Class A; AASHTO M148, CRD 300-90	STANDARDS ASTM C309 Type 2, Class A and B; AASHTO M148	STANDARDS ASTM C309 Type 2, Class A and B; AASHTO M148; Wyoming DOT 701	STANDARDS ASTM C309 Type 2, Class A and B; Minnesota DOT 3754	STANDARDS NA
COVERAGE Approx 200 ft ² /gal	COVERAGE Approx 200 ft ² /gal	COVERAGE Approx 200 ft ² /gal	COVERAGE Approx 200 ft ² /gal	COVERAGE Approx 200 ft ² /gal	COVERAGE Approx 200 ft ² /gal	COVERAGE Concentrated: 200–400 ft ² Diluted: 2,000–4,000 ft ²
VOC <100 g/L	VOC <100 g/L	VOC <100 g/L	VOC <100 g/L	VOC <200 g/L	VOC <200 g/L	VOC <10 g/L
DRY TIME 2 hrs at 70°F	DRY TIME 2 hrs at 70°F	DRY TIME 1 hr at 70°F	DRY TIME 2 hrs at 70°F	DRY TIME 1.5 hrs at 70°F	DRY TIME 1.5 hrs at 70°F	DRY TIME NA
APPEARANCE Clear	APPEARANCE Clear	APPEARANCE White	APPEARANCE White	APPEARANCE White	APPEARANCE White	APPEARANCE NA



Bonding Agents & Admixtures

Form Releases

Application Guide

BONDING AGENTS & ADMIXTURES			FORM RELEASES			
ACRYLCOAT <i>Acrylic Latex Bonding Agent and Admixture</i>	DURA <i>Bonding Agent and Admixture</i>	MULTI-55 <i>One Time Re-Emulsifiable Bonding Agent</i>	COKOTE <i>Multi-Use, Reactive Form Release</i>	EZKOTE GREEN <i>Multi-Use, Non-Petroleum, Reactive Form Release</i>	SLICKOTE <i>Premium, Reactive Form Release</i>	BLENDER BRIGHT <i>Protective Mixer Coating</i>
<p>USES</p> <p>Acrylcoat is ideal for bonding new concrete to new concrete or new concrete to old concrete and can be used with cementitious compounds:</p> <ul style="list-style-type: none"> • Patching materials • Grouts • Masonry coatings • Stuccos coatings • Masonry mortars 	<p>USES</p> <p>Dura is ideal for bonding new concrete to new concrete or new concrete to old concrete and can be used with cementitious compounds:</p> <ul style="list-style-type: none"> • Patching materials • Grouts • Masonry coatings • Stuccos coatings • Masonry mortars 	<p>USES</p> <p>Multi-55 is an ideal primer for use with US SPEC SLU or other cementitious compounds:</p> <ul style="list-style-type: none"> • Portland or gypsum cement underlayments • Patches • Mortars • Coatings • Will bond to concrete, masonry and brick 	<p>USES</p> <p>COKote can be used for a variety of applications:</p> <ul style="list-style-type: none"> • Forms: Wood, BB plyform, aluminum, plastic and steel • Protect Equipment: Buckets, hoists, paving machines, and aluminum and steel windows 	<p>USES</p> <p>Ezkote Green can be used for a variety of applications:</p> <ul style="list-style-type: none"> • Forms: Wood, BB plyform, aluminum, plastic and steel • Protect Equipment: Buckets, hoists, paving machines, and aluminum and steel windows 	<p>USES</p> <p>Slickote can be used for a variety of applications:</p> <ul style="list-style-type: none"> • Forms: Wood, BB plyform, aluminum, plastic and steel • Protect Equipment: Buckets, hoists, paving machines, and aluminum and steel windows 	<p>USES</p> <p>Blender Bright can be used for a variety of applications:</p> <ul style="list-style-type: none"> • Coating interior and exterior of mixer components • Protect Equipment: Buckets, hoists, paving machines, and aluminum and steel windows
<p>BENEFITS</p> <ul style="list-style-type: none"> • Durable: Increase tensile strength, flexural strength and chemical resistance over non-modified mortars • Curing: Increase water retention properties • Excellent Bonding Agent: Superior adhesion properties • Freeze/Thaw Resistance: Increased resistance to dramatic climatic changes 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Durable: Increase tensile strength, flexural strength and chemical resistance over non-modified mortars • Curing: Increase water retention properties • Excellent Bonding Agent: Superior adhesion properties • Freeze/Thaw Resistance: Increased resistance to dramatic climatic changes 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Versatile: Bridges gap between acrylic and PVA products • Excellent Bonding Agent: Superior adhesion properties • Can be used when there is a delay of up to seven days prior to application of top coat • Water-Based: Low odor, VOC compliant and easy clean-up • Consistent: Strict Quality Control testing and standards 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Clean: Cuts stripping time • Pre-Blended: Ready to use • Non-Staining: Will not discolor concrete • Performance: Increases life span of wood forms by waterproofing and protecting; reduces maintenance of metal forms by acting as a rust inhibitor • Efficient: Excellent coverage rate • Cost Effective: Reduces clean up time • Easy Application: Brush, spray or roller • Long lasting form life • Economical: One coat coverage 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 and MR Credit 6.0 • Clean: Cuts stripping time • Organic: No petroleum, low odor • Non-Staining: Will not discolor concrete • Performance: Increases life span of wood forms by waterproofing and protecting; reduces maintenance of metal forms by acting as a rust inhibitor • Efficient: Excellent coverage rate • Cost Effective: Reduces clean up time • Easy Application: Brush, spray or roller • Long lasting form life • Economical: One coat coverage 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Clean: Cuts stripping time • Pre-Blended: Ready to use • Non-Staining: Will not discolor concrete • Performance: Increases life span of wood forms by waterproofing and protecting; reduces maintenance of metal forms by acting as a rust inhibitor • Efficient: Maximum coverage rate • Cost Effective: Reduces clean up time • Easy Application: Brush, sprayer or roller • Long Form Life: Repeated use water-proofs and protects forms • Economical: One coat coverage 	<p>BENEFITS</p> <ul style="list-style-type: none"> • Contributes to LEED EQ Credit 4.2 • Clean: Cuts stripping time • Pre-Blended: Ready to use • Non-Staining: Will not discolor concrete • Performance: Waterproofs wood and protects metal • Efficient: Excellent coverage rate • Cost Effective: Reduces clean up time • Easy Application: Brush, spray or roller • Long lasting form life
<p>STANDARDS</p> <p>ASTM C1059, Type I and II</p>	<p>STANDARDS</p> <p>ASTM C1059, Type I and II</p>	<p>STANDARDS</p> <p>ASTM C1059 Type I and II</p>	<p>STANDARDS</p> <p>Corps of Engineers Specification CW03101, Section 2.1.2</p>	<p>STANDARDS</p> <p>Corps of Engineers Specification CW03101, Section 2.1.2.</p>	<p>STANDARDS</p> <p>Corps of Engineers Specification CW03101, Section 2.1.2</p>	<p>STANDARDS</p> <p>Corps of Engineers Specification CW03101, Section 2.1.2</p>
<p>COVERAGE</p> <p>300 ft²/gal when diluted 1:1</p>	<p>COVERAGE</p> <p>300 ft²/gal when diluted 1:1</p>	<p>COVERAGE</p> <p>Primer: 500 - 600 ft²/gal when diluted 2:1 Bonding Agent: 300 ft²/gal when diluted 1:1</p>	<p>COVERAGE</p> <p>Aluminum, plastic, steel: 2000 ft²/gal Medium density plywood: 1500 ft²/gal BB grade plyform: 1000 ft²/gal Dimensional lumber: 1000 ft²/gal</p>	<p>COVERAGE</p> <p>Aluminum, plastic, steel: 2000 ft²/gal Medium density plywood: 1500 ft²/gal BB grade plyform: 1000 ft²/gal Dimensional lumber: 1000 ft²/gal</p>	<p>COVERAGE</p> <p>Aluminum, plastic, steel: 3000 ft²/gal Medium density plywood: 2000 ft²/gal BB grade plyform: 2000 ft²/gal Dimensional lumber: 1000 ft²/gal</p>	<p>COVERAGE</p> <p>One quart of Blender Bright will coat an average size concrete mixer. Actual rates may vary depending on type of equipment and application methods.</p>
<p>VOC</p> <p><10 g/L</p>	<p>VOC</p> <p><10 g/L</p>	<p>VOC</p> <p><10 g/L</p>	<p>VOC</p> <p><100 g/L</p>	<p>VOC</p> <p><100 g/L</p>	<p>VOC</p> <p><100 g/L</p>	<p>VOC</p> <p><100 g/L</p>
<p>DRY TIME</p> <p>25 min at 70°F</p>	<p>DRY TIME</p> <p>20 min at 70°F</p>	<p>DRY TIME</p> <p>30 min at 70°F</p>	<p>DRY TIME</p> <p>NA</p>	<p>DRY TIME</p> <p>NA</p>	<p>DRY TIME</p> <p>NA</p>	<p>DRY TIME</p> <p>NA</p>