



# Bonsal and Pre-Blend Products are Now ProSpec®



## About Us

Bonsal American, one of the most trusted manufacturers in commercial and residential concrete and flooring products, launched ProSpec in 2007. ProSpec is the professionally specified brand of Concrete Restoration and Repair, Flooring Repair and Rehabilitation and Tile Installation products. ProSpec includes all products previously under the Bonsal and Pre-Blend brands.

ProSpec products are designed for applications where products have to perform under a variety of challenging applications. Found in divisions 3, 4, 7 and 9 of the Construction Specifications Institute (CSI), ProSpec provides value-added solutions used in specifying a wide range of projects from stadiums and parking decks to condominiums and office complexes.

## Concrete Repair and Restoration

ProSpec is built on the same proud tradition of top-flight performance customers have come to expect from the Bonsal product line. Our experience and expertise in concrete construction, repair and restoration is second to none, and we've got the products to prove it.

ProSpec offers a line of products that includes a broad range of specially engineered mortars, concrete mixes, additives, resurfacing compounds and patches. When it comes to quality and consistency, the performance found in ProSpec products is first class.

## Technical Services

ProSpec Technical Service Support

1.800.334.0784

Email inquiries at:

[prospec@oldcastleapg.com](mailto:prospec@oldcastleapg.com)

For technical data sheets, MSDS and additional product information, visit [www.prospec.com](http://www.prospec.com).

ProSpec is manufactured nationwide and is available at commercial distribution locations across North America.



and



products are now



New name. Same quality.



Everglades on the Bay in Miami, Florida, a luxury condominium project, used ProSpec Vertical Leveling Mortar to repair out-of-plumb walls, preparing them for a stucco finish coat.



ABOVE  
Sharon United Methodist Church in Charlotte, North Carolina used ProSpec 118 Primer as part of their refurbishment.

LEFT  
Larry Kanner, of L. Kanner Flooring Systems in New York, used ProSpec Level Set 300 and Level Set Primer in Terminal 5 at JFK Airport to build up the floor in the seating areas to be level with the aisle ways. Level Set 300 underlayment provides a smooth even finish for the installation of floor covering.

# Underlayments and Toppings



## Level Set 300 Underlayment

ProSpec Level Set 300 is a single component *premium*, portland cement-based, self-leveling underlayment that provides a flat, smooth, durable surface with minimum installation time and cost. For interior use only.

- Pourable or pumpable
- High strength
- Outstanding workability and flow
- Tremendous self-healing properties
- Open to foot traffic in just 3-4 hours and floor coverings in 16 hours
- Installable from feather edge to 5" (127 mm) thick

Product no. 520550  
Available in 50 lb. bags

NOTE: Level Set 300 replaces Level Set



## Level Set 200 Underlayment

ProSpec Level Set 200 is a single component, portland cement-based, self-leveling underlayment that provides a flat, smooth, durable surface with minimum installation time and cost. For interior use only.

- Pourable or pumpable
- High strength
- Excellent workability
- Good self-healing properties
- Open to foot traffic in just 3-4 hours and floor coverings in 16 hours
- Installable from feather edge to 5" (127 mm) thick

Product no. 520650  
Available in 50 lb. bags



## Level Set 100 Underlayment

ProSpec Level Set 100 is a polymer modified, portland cement based, self-leveling underlayment for interior use only.

- Self-leveling
- Open to light traffic in 4 hours
- Installable up to 1" (25 mm)
- Pourable and pumpable
- Provides a smooth surface for the installation of floor coverings

Product no. 751050  
Available in 50 lb. bags

NOTE: Level Set 100 replaces Self-Leveling Underlayment

# Underlayments and Toppings



## Level Set LW-60

ProSpec Level Set LW-60 is a single component, lightweight underlayment that provides a flat, smooth, durable floor without the weight of a normal portland cement or gypsum underlayment.

- 50% lighter than conventional cement and gypsum based systems
- Very fluid; ideal for pouring and pumping
- Ideal for projects where load-bearing restrictions apply
- Installable from feather edge to 2" (51 mm) thick
- Fast setting
- Accepts foot traffic in 3-4 hours and floor coverage in 16 hours
- Rapid early strength gain

Product no. 520625  
Available in 25 lb. bags

### BELOW

Level Set 300 Underlayment is used to create a smooth, even floor finish.

### RIGHT

Level Set 300 Underlayment and Level Set Primer were used on 191 Peachtree Tower in Atlanta, Georgia.



# Underlayments and Toppings



## Level Set G

ProSpec Level Set G is a single component premium, high strength, non-shrink, fast setting, gypsum based self-leveling underlayment specifically for use over gypsum substrates.

- Self-leveling; requires no troweling
- Very fluid; ideal for pouring and pumping
- Low in place cost – easy to use
- Rapid early strength gain
- Installable from 1/8" to 5" thick (3 mm to 127 mm)
- Dimensionally stable / no dusting
- Superior bond

Product no. 520950  
Available in 50 lb. bags



## Level Set Wear Topping

ProSpec Level Set Wear Topping is a single component premium, high strength, abrasion-resistant, self-leveling wear surface.

- Low in place cost – easy to use
- No troweling required – self leveling
- Very fluid; ideal for pouring and pumping
- Rapid early strength gain
- Installable from 1/4" to 5" thick (6 mm to 127 mm)
- Dimensionally stable / no dusting
- Crack resistant
- Superior bond
- Provides a perfect base for decorative concrete due to its workability and acceptance of pigments, stains and colored penetrating sealers
- Not a gypsum based product

Colors: Gray or white  
Product no. 520750 (gray) / 520850 (white)  
Available in 50 lb. bags

NOTE: Level Set Wear Topping replaces Level Set WS



## Trowel Grade Underlayment

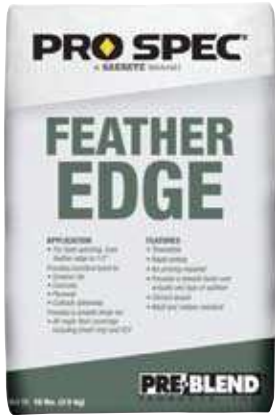
ProSpec Trowel Grade Underlayment is a polymer modified cement based floor underlayment for interior floor repair applications.

- Interior only
- Fast setting
- Excellent surface hardness
- Bonds to concrete and wood
- High tensile strength and compressive strength
- Featheredge to 2" (51 mm)
- Leveling and smoothing floors
- Superior workability

Product no. 752025  
Available in 25 lb. bags

NOTE: Trowel Grade Underlayment replaces B-1 Trowel Grade Underlayment and Level Set T

# Underlayments and Toppings



## Feather Edge

ProSpec Feather Edge is a premium, polymer modified, rapid setting, trowelable underlayment that results in a very smooth, ultra thin finish applied over a wide array of subfloors.

- Polymer modified for exceptional bond
- Low in place cost due to excellent coverage
- Cement based
- Mold and mildew resistant
- No priming needed
- Feather edge up to 1/2" (13 mm) thickness without cracking

Product no. 510810  
Available in 10 lb. bags



## Floor Patch

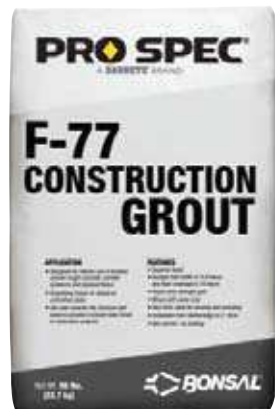
ProSpec Floor Patch is a rapid setting polymer modified, unsanded, portland cement based patching and embossing leveler compound used under a wide variety of floor covering installations.

- Feather edge to 2" (51 mm) in thickness
- Ready for covering in 1-2 hours
- Vertical or horizontal applications
- No additive required
- Can be sanded to a smooth finish
- For interior or exterior use
- Contains no gypsum
- Can be used over cement, terrazzo and cutback adhesives
- Used as an embossing leveler over properly prepared vinyl

Product no. 510325  
Available in 25 lb. bags

NOTE: Floor Patch replaces Feather Patch and Floor & Wall Patch

# Construction Grouts



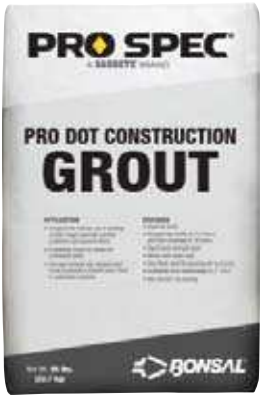
## F-77 Construction Grout

ProSpec F-77 Construction Grout is a non-shrink, non-metallic, cementitious structural grout.

- Interior/exterior
- Pumpable and flowable
- Super plasticized for improved strength
- Non-shrink

Product no. 711050  
Available in 50 lb. bags  
Meets ASTM C 1107 grades A, B and C and ASTM CRD-C 621

# Construction Grouts



## PRO DOT Construction Grout

ProSpec PRO DOT Construction Grout is a high strength, non-metallic, cementitious structural grout.

- Non-staining
- Super plasticized for improved strength
- Pumpable and flowable
- Non-shrink

Product no. 715150  
Available in 50 lb. bags  
Meets ASTM C 1107 and Corps of Engineers Specification CRD-C 621 grades A, B and C



## High Strength Precision Grout

ProSpec High Strength Precision Grout is a specially formulated, ready-to-use, high strength, flowable precision grout.

- Nonporous; very dense
- Non-metallic
- Non-shrink
- High fluidity
- Non-staining
- Non-corrosive
- Interior/exterior
- Contains no chlorides or other salts detrimental to reinforcing steel
- High initial and ultimate flexural compressive strengths

Product no. 712050  
Available in 50 lb. bags  
Meets ASTM C 1107 grades A, B and C and ASTM CRD-C 621



## Precast Mortar Grout

ProSpec Precast Mortar Grout is fast-setting, non-shrink, single component, cementitious mortar grout formulated for precast repairs and erections.

- High strength
- Rapid setting
- Non-staining
- Non-corrosive
- Non-metallic
- Contains no chlorides or other salts detrimental to reinforcing steel
- Excellent hang capability from 1/2" to 3" (13 mm to 76 mm)
- Cement based to ensure substrate compatibility
- Cost effective – no forming needed
- Non-shrink, shavable
- Freeze/thaw resistant

Color: Gray  
Product no. 520250  
Available in 50 lb. bags  
Meets CRD-C621 Corps of Engineers Specification for Non-Shrink Grout and ASTM C-1107

# Construction Grouts



## Slab Dowel Grout

ProSpec Slab Dowel Grout is a non-shrink, high compressive strength, non-metallic grout used for placing prefabricated concrete pavements.

- Over 2500 psi (17.2 MPa) compressive strength in 2 hours
- Non-shrink
- Excellent bond
- Resists freeze/thaw damage
- Very fluid
- Cement based
- Non-corrosive

Product No. 510350  
Available in 50 lb. bags  
Meets ASTM C 928,  
Standard Specification  
for Packaged, Dry,  
Very Rapid Hardening  
Cementitious Materials  
for Concrete Repair



## Commercial Anchor Cement

ProSpec Commercial Anchor Cement is a single component, polymer modified portland cement based anchoring grout.

- Contains corrosion inhibitor
- High early strength
- Pourable; viscous flow
- Sets in 20-25 minutes
- Interior or exterior use
- Resists chloride ion intrusion

Product no. 715050  
Available in 50 lb. pails



ProSpec Construction Grouts are used in bridge and highway repair projects.

# Concrete Restoration and Repair



ProSpec Vinyl Concrete Patcher and 118 Primer were used for concrete repairs at Bank of America Stadium in Charlotte, North Carolina.



## Vinyl Concrete Patcher

ProSpec Vinyl Concrete Patcher is a single component, fast-setting, polymer modified portland cement based product for concrete repair.

- Can be feather edged
- Brush, broom or trowel apply
- Superior workability
- Excellent resistance to abrasion and deicing salts
- Shrinkage compensating

Product no. 744040 (gray) / 745040 (white)  
Available in 40 lb. bags  
Exceeds ASTM C 387 for High Strength Mortar

# Concrete Restoration and Repair



## Premium Patch 100

ProSpec Premium Patch 100 is a fast setting, fiber reinforced, high strength cement based repair mortar designed for applications where high early strength gain is needed to reduce down time.

- High performance cement - fiber reinforced for improved impact, flexural and tensile strengths
- Over 2000 psi (13.8 MPa) in one hour allows repairs to be opened to traffic
- Cement based, non-corrosive
- Interior/exterior
- Can be extended up to 60% by weight for repairs greater than 2" (51 mm) deep

Product no: 510551  
Available in 50 lb. bags  
Meets ASTM C 928, Standard Specification for Packaged, Dry, Very Rapid, Hardening Cementitious Materials for Concrete Repair

NOTE: Premium Patch 100 replaces Premium Patch E



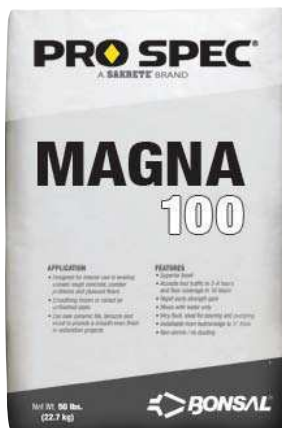
## Premium Patch 200

ProSpec Premium Patch 200 is a fast setting, fiber reinforced, polymer modified, high strength cement based repair mortar designed for applications where high early strength gain is needed to reduce down time.

- High performance cement – fiber reinforced for improved impact, flexural and tensile strengths
- Over 2,000 psi (13.8 MPa) in one hour allows repairs to be opened to traffic within one hour
- Cement based, non-corrosive
- Polymer modified for excellent bond – no bonding agent needed
- Can be extended up to 60% by weight for repairs greater than 2" (51 mm) deep

Product no: 510550  
Available in 80 lb. bags  
Meets ASTM C 928, Standard Specification for Packaged, Dry, Very Rapid, Hardening Cementitious Materials for Concrete Repair

NOTE: Premium Patch 200 replaces Premium Patch



## Magna 100

ProSpec Magna 100 is a magnesium phosphate, cement based concrete repair material that quickly develops high compressive strength. Suitable for use in extreme cold environments.

- Rapid setting
- Open to traffic in 1-2 hours
- Can be used from 1/2" to 8" (13 to 203 mm) in depth without modification
- No special curing
- Can be placed in below freezing temperatures

Product no. 721050  
Available in 50 lb. bags  
Meets ASTM C 928

# Concrete Restoration and Repair



## Metro Mix 240

ProSpec Metro Mix 240 is a super plasticized, high performance (ready mix) concrete mix.

- High strength
- Full depth repairs 2" (51 mm) or greater
- Super plasticized for higher slump and compressive strengths
- Ideal for projects inaccessible to ready-mix

Product no. 731080  
Available in 80 lb. bags  
Meets ASTM C 387



## Metro Mix 240 AE

ProSpec Metro Mix 240 AE is an air entrained, super plasticized high performance (ready mix) concrete mix with corrosion inhibitor.

- Improved freeze/thaw resistance
- High strength
- Full depth repairs 2" (51 mm) or greater
- Super plasticized for higher slump and compressive strengths
- Ideal for projects inaccessible to ready-mix

Product no. 733080  
Available in 80 lb. bags  
Meets ASTM C 387

ProSpec Vertical Leveling Mortar is used to level and smooth walls at Aqualina Condominiums in Sunny Isles, Florida.



# Concrete Restoration and Repair

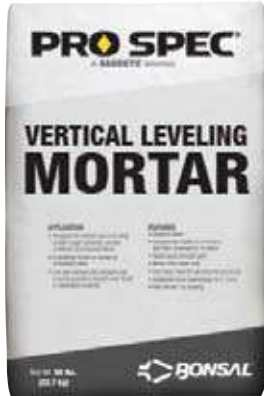


## VO Repair Mortar

ProSpec VO Repair Mortar is a single component, polymer modified, non-sag, cementitious patch formulated for vertical and overhead repairs.

- Can be used for structural repairs
- Excellent overhead hang capability from 1/2" to 2" (12 to 50 mm)
- Superior bond
- Fast setting
- Interior/exterior
- Trowel or hand apply
- Integrated corrosion inhibitor
- Cost-effective; requires no forming

Product no. 743050  
Available in 50 lb. bags  
Meets ASTM C 387



## Vertical Leveling Mortar

ProSpec Vertical Leveling Mortar is a one component, polymer modified high strength, rapid hardening, portland cement based, concrete repair material designed for vertical and overhead patching and repair work.

- Vertical and overhead general patching and repair
- Can be used from 1/4" (6 mm) to 4" (102 mm) thick
- Freeze/thaw resistant
- Shrinkage compensating
- High early strength; does not need forms
- Rapid buildup
- Does not require primers or bond coats
- Can be used in structural repairs

Product no. 746050  
Available in 50 lb. bags  
Meets ASTM C 387



## Instant Hydraulic Cement

ProSpec Instant Hydraulic Cement is a high speed, single component cement repair material formulated for stopping active water leaks.

- Initial set in 1-3 minutes
- Above and below grade
- Can be applied underwater
- Stops seepage leaks
- Shrinkage compensated
- Horizontal and vertical repairs
- Non-staining

Product no. 710150  
Available in 50 lb. pails

# Concrete Resurfacing and Rehabilitation



## CR - Concrete Resurfacer

ProSpec CR is a polymer modified cement based product used for resurfacing old concrete to make it look new again.

- Excellent bond to old concrete, down to feather edge
- Hardens quickly
- Less expensive alternative to concrete replacement
- Self curing, no additional curing compounds needed
- Feather edge to 1/2" (13 mm)
- Polymer modified
- Interior/exterior
- High flexural and compressive strength
- No primer needed
- Fast drying, walkable in 8 hours
- Durable, freeze thaw resistant

Product no. 510251 (coarse) / 510251 (fine)  
Available in 50 lb. bags



## Feather Edge

ProSpec Feather Edge is a premium, polymer modified, rapid setting, trowelable underlayment that results in a very smooth, ultra thin finish applied over a wide array of subfloors.

- Polymer modified for exceptional bond
- Low in place cost due to excellent coverage
- Cement based
- Mold and mildew resistant
- No priming needed
- Feather edge up to 1/2" (13 mm) thickness without cracking

Product no. 510810  
Available in 10 lb. bags

ProSpec RubCrete can also be applied using a roller.

ProSpec RubCrete is used to repair bug holes and other surface defects in precast concrete.



# Concrete Resurfacing and Rehabilitation



## RubCrete

ProSpec RubCrete is a non-gypsum, polymer enhanced, one component resurfacer for filling and smoothing interior and exterior vertical concrete and masonry surfaces.

- Excellent bond to old or new concrete
- Self curing
- Feather edge to 1/2" (13 mm)
- Non-shrink finish
- No primer needed
- Excellent coverage and easy to use
- Can be covered in 30 minutes at 1/8" (3 mm) or less
- Interior/exterior

Colors: Gray, White, Brown  
Product no. various  
Available in 25 lb. bags



## BlendCrete

ProSpec BlendCrete is a one component, polymer modified, portland cement based concrete and masonry patching compound.

- Fast setting, low slump repair mortar that can be trowelled, shaped and shaved
- Easy shaping and molding
- Integrated corrosion inhibitor
- Can be applied overhead and vertically without expensive forming procedures
- Tenacious bond to substrates
- Interior/exterior
- Available in 4 colors and 2 set times (15 and 30 minutes)

Product no. various  
Available in 50 lb. bags



ProSpec Historic Pointing Mortar is used to re-tuckpoint mortar joints in the Historic Courthouse in Charleston, South Carolina.

# Masonry Mortar and Grout



## Surface Bonding Cement

ProSpec Surface Bonding Cement is a structural, fiber reinforced portland cement based surface applied mortar for concrete block and masonry walls.

- Fiber reinforced
- One-coat stucco
- Non-combustible
- Trowel or spray apply
- Decorative, waterproof finish
- Greater flexural strength than concrete block walls built with mortar joints

Product no. 766050 (white) / 767050 (gray)  
Available in 50 lb. bags  
Meets ASTM C 887

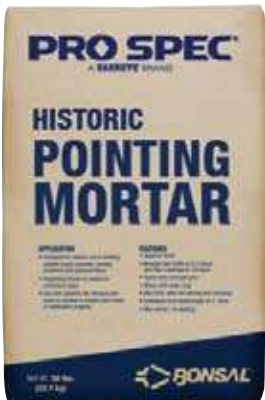


## Historic Stucco Mix

ProSpec Historic Stucco Mix is a factory blended mixture of graded sands, hydrated lime and portland cement formulated to repair and restore masonry structures built prior to 1920s without degrading the integrity of the historical structure.

- Performance engineered for historical renovation
- Vapor permeable
- Contains no latex or acrylic bonding agents
- Can be pigmented
- Interior/exterior
- Superior adhesion

Product no. 769080  
Available in 80 lb. bags



## Historic Pointing Mortar

ProSpec Historic Pointing Mortar is a mixture of sand, lime and cement. For pointing mortar joints in brick, block and stone. Designed for use in historic renovations.

- Performance engineered for historical renovation
- Vapor permeable
- Contains no latex or acrylic bonding agents
- Can be pigmented
- Interior/exterior
- Superior adhesion

Product no. 761180  
Available in 80 lb. bags

# Dampproofing / Waterproofing



## Sure-Coat

ProSpec Sure-Coat is a single component polymer modified portland cement based coating for waterproofing concrete and masonry. Designed to protect structures from moisture damage and dampness.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Waterproof coating</li> <li>• Formulated with mold inhibitor</li> <li>• Resistant to positive and negative hydrostatic pressure</li> <li>• Low permeability</li> <li>• Durable fine sand finish</li> <li>• Paintable</li> </ul> | <ul style="list-style-type: none"> <li>• Above and below grade</li> <li>• Interior or exterior use</li> <li>• Superior bond</li> <li>• Can be used as a decorative coating</li> <li>• Brush, spray or trowel apply</li> <li>• Vertical and overhead applications</li> </ul> |
|--|---|

Colors: White or gray  
 Product no. 710350 (white) / 710250 (gray)  
 Available in 50 lb. bags

# Special Coatings



## Rebar Coat

ProSpec Rebar Coat is a premixed polymer based primer with a corrosion inhibitor designed to protect steel reinforcement from oxidation.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Ready to use</li> <li>• Corrosion inhibitor</li> <li>• Zero VOC</li> <li>• Easily identifiable - yellow in color</li> </ul> | <ul style="list-style-type: none"> <li>• Apply with brush or roller</li> <li>• Can be left exposed for up to 5 days</li> </ul> |
|--|--|

Product no. 791001  
 Available in 1 gal. pails



## Concrete Sealer

ProSpec Concrete Sealer is a ready-to-use, clear water-based acrylic sealer.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Alkali resistant</li> <li>• Reduces potential for efflorescence</li> <li>• Allows moisture vapor transmission</li> <li>• Interior or exterior</li> <li>• Clear non-yellowing-light stable</li> <li>• Stain and abrasion resistant</li> </ul> | <ul style="list-style-type: none"> <li>• Salt resistant</li> <li>• Mildew resistant</li> <li>• UV resistant</li> <li>• VOC compliant - nonflammable</li> <li>• Surface penetrating</li> <li>• Low odor, water clean up</li> </ul> |
|---|---|

Product no. 793005  
 Available in 5 gal. pails

# Special Coatings



## Curing Compound

ProSpec Curing Compound is a water-based clear membrane forming liquid acrylic copolymer coating for curing concrete.

- Interior or exterior
- Ready to use
- Curing: Reduces the need for wet curing in warm, dry, windy weather. Improves strength, water resistance and durability; reduces shrinkage
- Sealer: helps protect and seal concrete surfaces from grease, salts and acids and improves the ability of the concrete to repel water

Product no. 792005  
Available in 55 gal. drums  
Meets ASTM C 309

# Primers and Bonding Agents



## 118 Primer

ProSpec 118 Primer is a concentrated liquid, zero VOC copolymer used prior to the installation of cementitious toppings, underlayments, repair mortars and stuccos. It improves the bond strength between toppings and profiled substrates.

- Non re-emulsifiable as per ASTM C 932
- Improves bond strength
- Bonds new concrete to hardened concrete
- Interior or exterior applications
- Above or below grade
- Improves curing

Product no. 783001 (1 gal.) / 781005 (5 gal.)  
Available in 1 gal. jugs (4/case), 5 gal. pails



## Acrylic Additive

ProSpec Acrylic Additive is a liquid acrylic polymer emulsion specifically designed as an admixture for cement-based products.

- Solvent free/VOC compliant
- Enhances adhesion and durability
- Improves curing
- Reduces potential for efflorescence
- Increases tensile strength
- Improves workability
- Interior/exterior

Product no. 782005  
Available in 5 gal. pails or 55 gal. drums

# Primers and Bonding Agents



## Level Set Primer

ProSpec Level Set Primer is a liquid polymer latex designed to be both a sealer and bonding agent for interior applications of Level Set products. *All Level Set products must be used in conjunction with a Level Set primer.*

- Bonding agent
- Concentrated re-emulsifiable adhesive

Product no. 521149  
(1 gal.) / 521150 (5 gal.)  
Available in 1 gal.  
(4/case) and 5 gal. pails



## Level Set Primer Plus

ProSpec Level Set Primer Plus is a highly concentrated film-forming dispersion for priming very dense, smooth non-absorbent substrates prior to the installation of Level Set products. *All Level Set products must be used in conjunction with a Level Set primer.*

- Solvent free
- Water based
- Rapid drying
- Excellent bond
- Non-flammable, non explosive
- Provides maximum adhesion and seal between the substrates and the leveler
- VOC compliant

Product no. 521152  
Available in 2.6 gal. pail

*NOTE: Level Set Primer Plus replaces Level Set Primer E*

# Custom Shotcretes

## Shotcrete 3:1

Formulated to improve adhesion and significantly reduce rebound.

## Shotcrete 300V

Custom designed with microsilica and polypropylene fibers to meet specifications for the Virginia Department of Transportation (VDOT) for Class A Shotcrete.

## Baybridge Shotcrete

Formulated with polypropylene fibers, well-graded silica aggregates and microsilica to be especially effective for rock stabilization projects and bridge repair.

# Product Selection Matrix

## Underlayments and Toppings

	Features	Level Set 100	Level Set 200	Level Set 300	Level Set LW-60**	Level Set G	Level Set Wear Topping***	Trowel Grade Underlayment	Feather Edge	Floor Patch
<b>Features</b>	Vertical / Overhead / Horizontal	H	H	H	H	H	H	H	H	H
	Interior/Exterior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior / Exterior
	Accepts Tile & Stone Installations	24 hrs.	3 to 4 hrs.	3 to 4 hrs.	3 to 4 hrs.	4 hrs.	3 to 4 hrs.	90 min.	30 min.	1 hr.
	Accepts Moisture-sensitive Floor Coverings	72 hrs.	16 hrs.	16 hrs.	16 hrs.	16 hrs.	16 hrs.	4 hrs.	30 min.	2 hrs.
<b>Special Additives</b>	Polymer Modified	●	●	●	●	●	●	●	●	●
<b>Placement</b>	Thickness	Feather edge to 5"	Feather edge to 5"	Feather edge to 5"	Feather edge to 2"	1/8" to 5"	1/4" to 5"	Feather edge to 2"	Feather edge to 1/2"	Feather edge to 2"
	Working time (min, @ 70° F)	20	30	30	30	30	30	15	10-20	10-15
	Trowel, Pump or Pour Apply	Pump / Pour	Pump / Pour	Pump / Pour	Pump / Pour	Pump / Pour	Pump / Pour	Trowel	Trowel	Trowel
<b>Compressive Strength</b>	24 hours (psi)	1,700	3,000	3,000	2,000	2,000	3,500	2,000	2,100	1,300
	28 days (psi)	5,500	5,100	5,200	4,000	4,500	6,000	5,000	4,700	2,650

\* Must be extended with aggregate

\*\* Lightweight

\*\*\* Sustainable

## Concrete Restoration and Repair

	Feature	Vinyl Concrete Patcher	Premium Patch 100**	Premium Patch 200**	Magna 100	Metro Mix 240	Metro Mix 240 AE	VO Repair Mortar	Vertical Leveling Mortar	Instant Hydraulic Cement	Rebar Coat
<b>Features</b>	Vertical / Overhead / Horizontal	H	H	H	H	H	H	V / O / H	V / O / H	V / H	V / O / H
	Wearing Surface	●	●	●	●	●	●				
	Structural	●	●	●	●	●	●		●		
	Freeze/Thaw		●	●	●		●				
	Resists De-icing Salts	●						●			
	Shrinkage Compensating	●	●	●				●	●	●	
	Return to Service	8 to 12 hrs.	1 hr.	1 hr.	1 hr.	24 hrs.	24 hrs.	1 hr.	3 hrs.	1 hr.	N/A
<b>Special Additives</b>	Polymer Modified	●		●				●	●		●
	Corrosion Inhibitor							●	●		●
	Fiber Reinforced		●	●							
<b>Placement</b>	Thickness	Feather edge to 6"	1/2" to 8"	1/2" to 8"	1/2" to 8"	2"	2"	1/8" to 1"	1/4" to 4"	N/A	15 to 30 wet mils
	Working time (minutes @ 70° F)	20	15	15	8	60+	60+	30	10	1	40 to 60
	Form/Pour		●	●	●*	●	●				
	Trowel, Pump or Spray Apply	T	T	T	T	P	P	T, S	T	T	S
<b>Compressive Strength</b>	24 hours (psi)	2,400	6,000	5,400	5,500	2,000	2,000	4,300	5,000	2,800	N/A
	28 days (psi)	7,500	10,000	9,100	6,500	6,000	6,000	5,500	8,500	6,290	N/A

\* Must be extended with aggregate

\*\* Suitable for DOT use. Contact ProSpec Technical Service for approvals.

# Product Selection Matrix

## Construction Grouts

	Feature	F-77 Construction Grout	PRO DOT Construction Grout*	High Strength Precision Grout	Precast Mortar Grout	Slab Dowel Grout	Commercial Anchor Cement
<b>Features</b>	Meets CRD-621 & ASTM 1107	●	●	●			
	Horizontal	●	●	●	●	●	●
	Structural	●	●	●	●	●	●
	Rapid Hardening					●	
	Non-shrink	●	●	●	●	●	●
	Non-metallic	●	●	●	●	●	●
<b>Placement</b>	Thickness	1" to 4"	1" to 4"	1" to 4"	1/2" to 3"	1 1/4"	2"
	Working time (min, @ 70° F)	30	30	30	30	20 to 30	10 to 15
	Pumpable	●	●	●		●	
<b>Compressive Strength</b>	Plastic (1 day / 28 days)	2,500 / 8,000	2,500 / 9,000	6,500 / 11,300	3,200 / 7,700		N/A
	Flowable (1 day / 28 days)	2,500 / 7,000	1,500 / 7,500	4,200 / 11,300	2,700 / 7,000		N/A
	Fluid (1 day / 28 days)	N/A	N/A	4,000 / 9,500	N/A	5,200 / 7,500	9,000 / 11,000

\* Suitable for DOT use. Contact ProSpec Technical Service for approvals.

## Special Coatings

	Features	Rebar Coat	Concrete Sealer	Curing Compound
<b>Features</b>	% Solids by Weight	N/A	14	21
	Bonds to Steel	●		
<b>Placement</b>	Thickness (wet mils)	30 to 35	3 to 7	1 to 2
	Working time (min, @ 70° F)		60 to 120	40 to 60
	Brush / Roll / Spray Apply	B / S	B / R / S	R / S

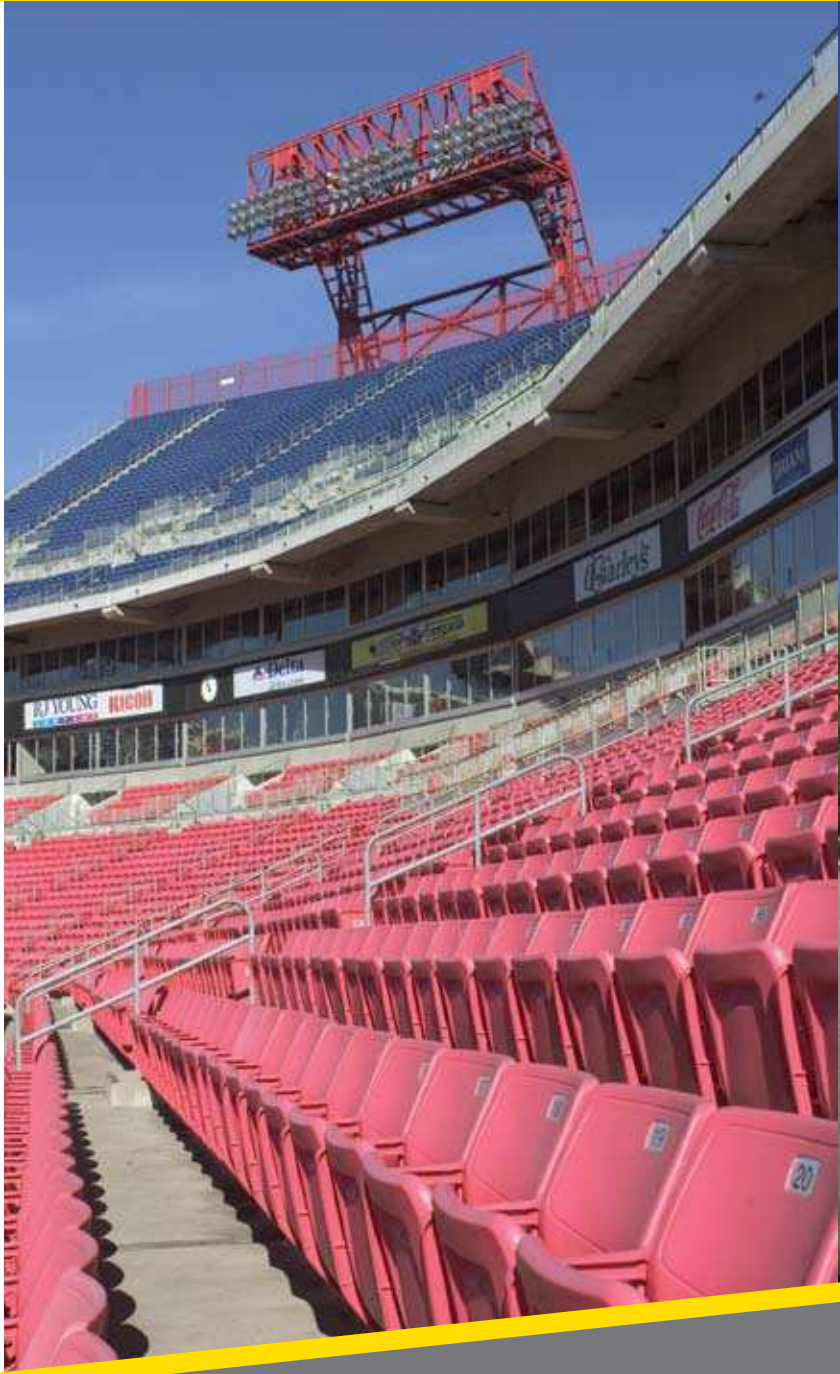
# Product Selection Matrix

Concrete Resurfacing and Rehabilitation						
	Feature	CR	Feather Edge	Floor Patch	RubCrete	BlendCrete*
Features	Vertical / Overhead / Horizontal	H	H	H	V / O	V / O / H
	Wearing Surface	●				●
	Structural					●
	Freeze/Thaw					●
	Coating Resurface	●	●		●	
	Return to Service	8 hrs.	16 hrs.	24 hrs.	N/A	3 hrs.
Special Additives	Polymer Modified	●	●	●	●	●
Placement	Thickness	Feather edge to 1/2"	Feather edge to 1/2"	Feather edge to 2"	Feather edge to 1/2"	1/2" to 1"
	Working time (min, @ 70° F)	30	10 to 20		30	15
	Trowel, Pump or Spray Apply	Brush	T	T	T	T
Compressive Strength	24 hours (psi)	2,400	2,100	1,300	600	4,800
	28 days (psi)	5,000	4,700	2,650	3,500	6,500

\* Suitable for DOT use. Contact ProSpec Technical Service for approvals.

Primers, Bonding Agents and Curing Compounds					
	Features	118 Primer	Acrylic Additive	Level Set Primer	Level Set Primer Plus
Features	Re-emulsifiable	Yes (once)	No	Yes (once)	No
	% Solids by Weight	48	26	48	N/A
	Fortifying Cement Additive		●		
	Bonding Agent/Primer	●		●	●
	Bonds to Steel, Cutback, Terrazzo				●
	Bonds to Concrete/Wood	●	●	●	●
Placement	Thickness (wet mils)	2 to 6	N/A	2 to 3	N/A
	Working time (min, @ 70° F)	20-30	N/A	20-30	N/A
	Brush / Roll / Spray Apply	B / R / S	N/A	B / R / S	B / R

# Concrete Repair Systems



8201 Arrowridge Boulevard  
Charlotte, NC 28273  
1.800.738.1621