



PROSPEC[®]

Tile Setting Systems



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Our Story

The ProSpec Story — *Oldcastle, Bonsal American and ProSpec®*

Imagine a company capable of providing the modern building materials needed to build a community, even the bridges and highways to get you there. You have just imagined Oldcastle®.

We are North America's largest manufacturer of building products. The Oldcastle portfolio provides a breadth of experience and brand leadership across numerous building material categories. With over \$10 billion in North American sales, we have the financial strength and commitment to be a leader in every category in which we compete. One of these categories includes cementitious bagged products produced by Bonsal American.

Bonsal American, founded in 1895 as W.R. Bonsal & Co., was initially a contractor and supplier to the railroad. In 1947, Bonsal began producing Sakrete and other top quality building products. Bonsal American also manufactures the ProSpec branded product portfolio. We stand firm in our commitment to produce the finest quality products with consistent performance. This commitment gives our customers and the contractors



who use our products the peace of mind that they are getting trusted, quality products.

ProSpec is the professionally specified brand of Tile & Stone Installation Systems, Floor Preparation Systems and Concrete Repair & Restoration products. The business has 50 years of experience producing quality tile grouts and tile setting mortars and over 30 years of producing concrete repair and self-leveling products. This is proven performance you can trust.

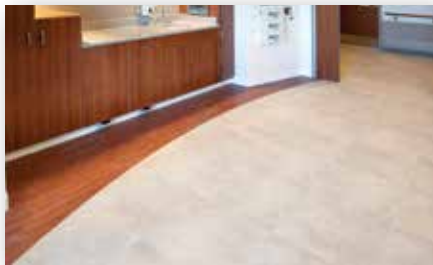
We have an expert technical services group that handles all inquiries regarding ProSpec products and their related applications. Our support staff has the hands-on experience and technical background to address any needs you may have, so please don't hesitate to contact us.

Technical Services
1-800-334-0784
Email inquiries to:
prospec@oldcastle.com



The ProSpec Product Portfolio

ProSpec offers a broad range of cement-based, high-quality products to meet your project needs. The ProSpec portfolio includes a full line of floor preparation and tile and stone installation systems that are backed by best-in-class system warranties. Our broad range of concrete repair and restoration products offer solutions for DOT and road repair, precast and cast in place systems, and concrete rehabilitation projects.



Floor Preparation Systems

- Self-Leveling Underlayments • Self-Leveling Surface Toppings
- Primers & Bonding Agent • Moisture Mitigation
- Surface Patching & Skim Coating Compounds
- Concrete Resurfacing & Rehabilitation



Tile & Stone Installation Systems

- Surface Preparation • Preformed Components
- Crack Isolation Membranes & Waterproofing
- Tile Setting Mortars • Adhesives & Epoxies
- Tile Grout • Additives • Caulks



Concrete Repair & Restoration Products

- Non-Shrink Grouts • Precast • Concrete Repair
- Concrete Resurfacing & Rehabilitation
- Damp Proofing & Waterproofing
- Primers & Bonding Agents • Shotcrete

Professional Affiliations



*Hulen Mall
Fort Worth, Texas*



ProSpec Product Enhancements



Micro Defense® Technology
A special antimicrobial additive that prevents the growth of mold and mildew. All ProSpec ProColor Grouts feature Micro Defense Technology to ensure your installation will remain as beautiful as the day it was installed. Micro Defense is particularly important for installations exposed to moisture.



Rapid Cure Technology – RCT®
Improves the strength, curing, workability, and performance of ProSpec surface preparation and tile products. RCT is our next generation of cement technology beyond portland cement-based systems offering quick, high strength development and fast curing without sacrificing workability or working time. RCT also reduces efflorescence, controls the shrinkage during curing, and provides greater long-term performance.



Expansion Stabilization Technology – EST™
A special additive designed to reduce the potential for cracking and shrinkage by controlling the pre-cure chemical and physical reactions during an underlayment's plastic stage, where up to 80 percent of shrinkage occurs.



Easy Float Formula
All ProSpec ProColor Grouts feature this formula for enhanced workability. This smooth, creamy formula is easy to mix and apply, even on vertical surfaces.

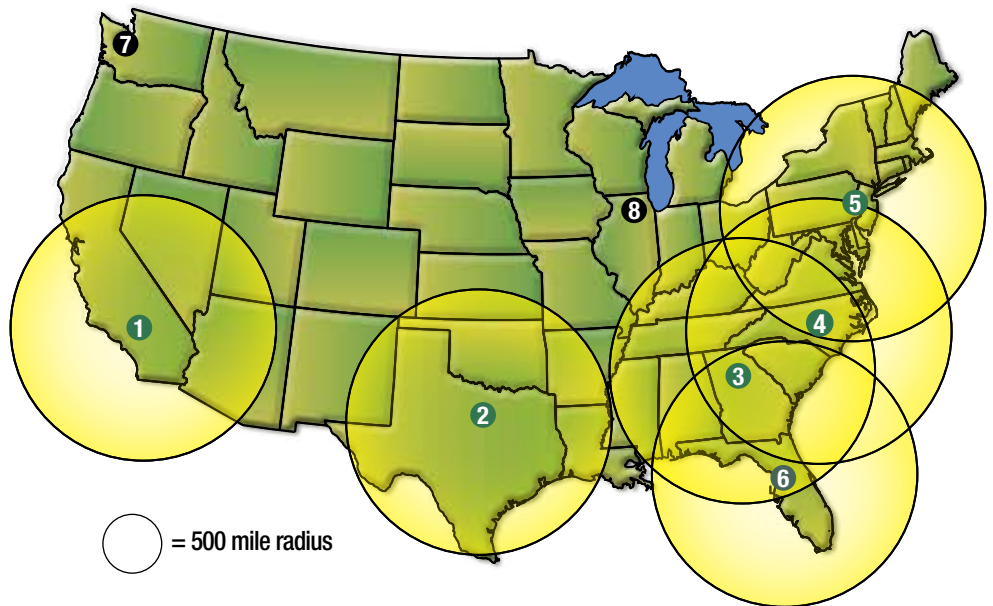


ProSpec Products Meet LEED Standards

ProSpec is committed to manufacturing environmentally friendly products. Our products can help you achieve LEED certification by contributing towards credits in three areas:

- IEQ 4.1 - 4.3: Low-Emitting Materials for better indoor environmental quality
- MR 4: Recycled Content for responsible raw material selection
- MR 5: Regional Materials, to support the use of local materials and reduce the environmental impacts resulting from transportation

ProSpec Manufacturing & Distribution



ProSpec can supply product from six manufacturing locations and two distribution locations throughout the United States.

Manufacturing Locations

- | | |
|-----------------|----------------------|
| 1 La Mirada, CA | 4 Lilesville, NC |
| 2 Dallas, TX | 5 Fairless Hills, PA |
| 3 Conley, GA | 6 Tampa, FL |

Distribution Locations

- | |
|---------------------|
| 7 Seattle, WA |
| 8 Franklin Park, IL |

ProSpec Tile System Warranty

Get maximum protection for your tile and stone investment with the ProSpec Tile System Warranty.¹ Limited Lifetime,² 20-Year, 10-Year, and 5-Year System Warranties available. Visit prospec.com for additional detail.

The ProSpec Warranty Covers:

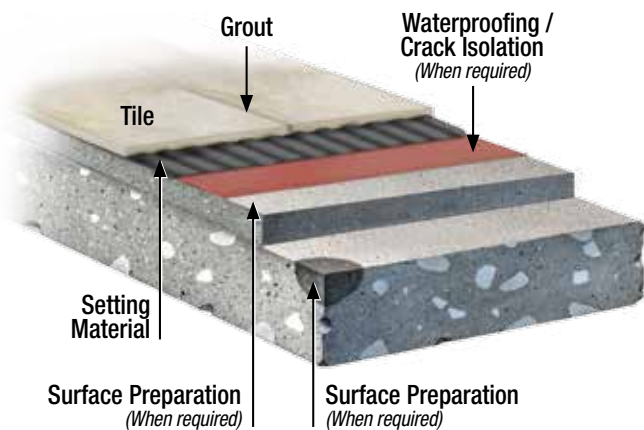
- Interior and exterior applications
- Commercial and residential applications

The ProSpec Warranty Guarantees:

- Our products are free of defects
- Will not break down under normal usage

The ProSpec Remedy:

- Replace or repair defective area of the system
- Labor, materials and tile





WARRANTY DURATION TABLE		
Product Type	Product Name	Warranty Qualification
Surface Preparation	Floor Patch Pro	Limited Lifetime
	Feather Edge	Limited Lifetime
	Vinyl Concrete Patch	20-Year
	Vinyl Concrete Patch mixed with B-730 Mortar / Acrylic Additive	Limited Lifetime
	Level Set 300	Limited Lifetime
	Level Set LW-60	Limited Lifetime
	Level Set 200	20-Year
	Level Set 100	10-Year
	Level Set Deep Pour 3	10-Year
	Floor Mud	20-Year
Preformed Components	Floor Mud mixed with B-710 SBR Additive	Limited Lifetime
	Wall Mud	20-Year
Preformed Components	ProSpec Niches, Curbs and Slopes	Limited Lifetime
Waterproofing	B-6000 with Fiberglass Mesh	Limited Lifetime
Crack Isolation	Flex-Guard	Limited Lifetime
	Speed-Flex	20-Year
Tile Setting Mortar	Permalastic System / Permalastic Rapid System	Limited Lifetime
	PermaFlex 600	Limited Lifetime
	Quick PermaFlex 570	Limited Lifetime
	B-7000 Epoxy Mortar & Grout	Limited Lifetime
	PermaFlex 500	20-Year
	PermaFlex Lite 525	20-Year
	Medium Bed PermaFlex 550	20-Year
	StayFlex 590	20-Year
	PermaSet 275 mixed with B-730 Mortar / Acrylic Additive	20-Year
	PermaFlex 400	10-Year
PermaFlex 300	5-Year	
Mastic	B-4050 Multipurpose Tile Adhesive	10-Year
	B-1000 Tile Adhesive	5-Year
Grout	ProColor Grout	Limited Lifetime
	B-7000 Epoxy Mortar & Grout	Limited Lifetime
Caulk / Sealants	ProColor Advantage Caulk	20-Year
	ProColor Tile & Grout Caulk	10-Year

1. For purposes of this warranty, a "system" is a group of ProSpec products set forth in the above warranty duration table that is used in the same installation. Contact ProSpec Technical Services for full warranty details, including application restrictions, prequalification, coverage and remedy details.

2. Limited Lifetime is defined as 30 years. System Warranty length defaults to the product with the shortest warranty length.

Tile Setting Mortars Product Selection Matrix

ENGINEERED PERFORMANCE SERIES				POLYMER-
Permalastic	Permalastic Rapid	PermaFlex 600	Quick PermaFlex 570	StayFlex 590
Designed for maximum adhesion & deformability. Capable of bridging 3/16" (5 mm) cracks.	Rapid setting Permalastic formula for commercial applications that demand fast return to service – grout 2 to 4 hours. 	Superior performance and adhesion. Capable of bridging up to 1/8" (3 mm) cracks.	Rapid setting, grout in 2 to 4 hours for quick return to service. 	Large format tile (LFT) mortar providing 20% more coverage than typical tile mortars. No back buttering required.

Technical standards:

ANSI Standard	A118.4, A118.11 & A118.15	A118.4, A118.11 & A118.15	A118.4, A118.11 & A118.15	A118.4, A118.11 & A118.15	A118.4 & A118.11
ISO 13007 Standard	C2ES2P2	C2FS2P2	C2ES1P2	C2FS1P1	C2TES1P1

Installs where:

	Interior / Exterior	Interior / Exterior	Interior / Exterior	Interior / Exterior	Interior / Exterior
	Floors / Walls / Ceilings	Floors / Walls / Ceilings	Floors / Walls / Ceilings	Floors / Walls / Ceilings	Floors / Walls / Ceilings

Ideally designed for the installation of:

Cement tile	■	■	■	■	■
Ceramic tile	■	■	■	■	■
Glass tile	■	■	■	■	■
High bottom lugged tile	■	■	■	■	■
Large format tile (LFT) ¹					■ (Floor & Wall only)
Non-moisture sensitive natural stone	■	■	■	■	■
Pavers	■	■	■	■	■
Porcelain	■	■	■	■	■
Quarry	■	■	■	■	■

Installs over substrates:

Cement backerboard (CBU)	■	■	■	■	■
Concrete	■	■	■	■	■
Cork underlayment	■	■	■	■	■
Countertops	■	■	■	■	■
Cracks in substrate	Up to 3/16" (5 mm)	Up to 3/16" (5 mm)	Up to 1/8" (3 mm)		
Cured portland cement mortar	■	■	■	■	■
Cutback adhesive ²	■	■	■	■	■
Exterior grade plywood	24" OC Max	24" OC Max	19" OC Max	19" OC Max	19" OC Max
Gypsum plaster or gypsum board ³	■	■	■	■	■
Masonry	■	■	■	■	■
Tile over tile	■	■	■	■	■
Uncoupling membrane ⁴					
VCT ²	■	■	■	■	■
Waterproofing	■	■	■	■	■

Qualifying System Warranty:

Warranty Length ⁵	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	20-Year
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1. Large format tile (LFT) is defined as any tile or stone with one side $\geq 15"$ (381 mm).
2. Difficult to bond substrates, VCT and cutback adhesive require extra preparation. Contact ProSpec Technical Services.
3. Residential Dry (RES1) / Commercial Dry (COM1) only.
4. Follow manufacturer's recommendations.

5. Contact ProSpec Technical Services for full warranty details.
* PermaSet 200 & PermaSet 275 meet ANSI Standard A118.4 & A118.11, and ISO 13007 C2P1
** When mixed with B-730 Mortar / Acrylic Additive. Eligible as part of 20-Year System Warranty only

MODIFIED, SPECIALTY SERIES		POLYMER-MODIFIED SERIES			NON-MODIFIED SERIES	
Medium Bed PermaFlex 550	PermaFlex Lite 525	PermaFlex 500	PermaFlex 400	PermaFlex 300	PermaSet 275	PermaSet 200
Large format tile (LFT) mortar used when the embedded thickness is between 3/16" to 3/4" (5 mm to 19 mm).	Lightweight, non-slump tile setting mortar. Provides twice the coverage of typical polymer-modified mortars.	High performance tile setting mortar for difficult to bond substrates and glass tile.	General purpose tile setting mortar for interior and exterior installations of many tile types.	Best value for porcelain tile interior / exterior floor applications over concrete.	Designed for installing ceramic tile on interior walls or floors.	Designed for installing ceramic tile on interior concrete floors.
A118.4 & A118.11	A118.4 & A118.11	A118.4 & A118.11	A118.4 & A118.11	A118.4	A118.1*	A118.1*
C2ES1P1	C2TES1P1	C2ES1P1	C2P1	C2	C1*	C1*
Interior / Exterior	Interior / Exterior	Interior / Exterior	Interior / Exterior	Interior / Exterior	Interior / Exterior**	Interior / Exterior**
Floors	Floors / Walls	Floors / Walls / Ceilings	Floors / Walls	Floors	Floors / Walls	Floors
■	■	■	■	■		
■	■	■	■	■	■	■
■	■	■	■			
■	■	■	■			
■	■	■	■			
■	■	■	■	■	■**	■**
■	■	■	■			
■	■	■	■	■	■**	■**
■	■	■	■	■	■	■
■	■	■	■	■	■	■
■	■	■	■			
■	■	■	■	■	■	■
19" OC Max	19" OC Max	19" OC Max	16" OC Max		16" OC Max**	16" OC Max**
■	■	■	■		■	■**
■	■	■	■		■**	■**
■	■	■			■	■
■	■	■	■	■	■**	■**
20-Year	20-Year	20-Year	10-Year	5-Year	1-Year**	1-Year**

when mixed with B-730 Mortar / Acrylic Additive.
when mixed with B-730 Mortar / Acrylic Additive.

Adhesives & Epoxy Product Selection Matrix

SURFACE PREPARATION		WATER PROOFING / CRACK ISOLATION		
Wall Mud	Floor Mud	B-6000 Waterproof / Crack Isolation	Flex-Guard	Speed-Flex
Pre-measured, portland cement-based plaster used as a scratch & brown coat for ceramic tile.	Portland cement-based mortar designed for thick setting beds under ceramic or quarry tiles.	Latex-based waterproofing membrane underlayment or part of a crack isolation system. IAMPO for shower pans.	Primerless, pressure sensitive, elastomeric, crack isolation and anti-fracture system. Extra Heavy Service Rating.	Primerless, pressure sensitive and elastomeric crack isolation and anti-fracture system. Extra Heavy Service Rating.

Technical standards:

ANSI Standard			A118.10 & A118.12	A118.12	A118.12

Installs where:

	Interior	Interior	Interior / Exterior	Interior / Exterior	Interior
	Wall	Floor	Floor / Wall / Ceiling		

Ideally designed for the installation of:

Cement tile					
Ceramic tile					
Glass tile					
High bottom lugged tile					
Large format tile (LFT) ¹					
Non-moisture sensitive natural stone					
Moisture sensitive natural stone					
Pavers					
Porcelain					
Quarry					

Installs over substrates:

Cement backerboard (CBU)			■	■	■
Concrete	■	■	■	■	■
Cork underlayment					
Cured portland cement mortar	■	■	■	■	■
Cutback adhesive (properly prepared) ⁴				■	■
Cracks in substrate			Up to 1/16" (2 mm)	Up to 3/8" (9 mm)	Up to 3/8" (9 mm)
Exterior grade plywood			24" OC Max	24" OC Max	24" OC Max
Gypsum plaster or gypsum board ⁵			■		
Hardened Steel					
Masonry	■		■		
Tile backer board			■	■	■
Tile over tile				■	■
Uncoupling membrane					
VCT ⁴				■	■
Waterproofing					

Qualifying System Warranty:

Warranty Length ⁶	20-Year	Limited Lifetime ⁷	Limited Lifetime	Limited Lifetime	20-Year

1. Large format tile (LFT) is defined as any tile or stone with one side ≥ 15" (381 mm).

2. When used as a setting material.





3. When used with grout.

4. Difficult to bond substrates, VCT and cutback adhesive require extra preparation. Contact ProSpec Technical Services.

5. Residential Dry (RES1) / Commercial Dry (COM1) only.

6. Contact ProSpec Technical Services for full warranty details.

7. When mixed with B-710 SBR Additive

ADHESIVES		EPOXIES		GROUTS		
B-4050 Multipurpose Tile Adhesive	B-1000 Tile Adhesive	B-7000 Epoxy Mortar & Grout	B-150 Epoxy Adhesive	ProColor Sanded Grout	ProColor Unsanded Grout	B-7000 Epoxy Mortar & Grout
Ready to use, acrylic-based adhesive. Offers outstanding slip resistance.	Ready to use acrylic-based adhesive.	100% solid, chemical resistant 3-part tile setting and grouting epoxy.	Acid and alkali resistant 2-part tile setting epoxy.	Portland cement-based grouts for joints up from 1/16" to 1/2" (2 mm to 13 mm). Available in 38 colors.	Portland cement-based grout for joints up to 1/8" (3 mm). Available in 38 colors.	100% solid, chemical resistant 3-part tile setting and grouting epoxy.
				 EASY FLOAT FORMULA	 EASY FLOAT FORMULA	

A136.1 Type I & II	A136.1 Type I & II	A118.3	A118.3	A118.6 & A118.7	A118.6	A118.3
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Interior Floor / Wall	Interior Floor / Wall	Interior / Exterior ² Floor / Wall	Interior / Exterior Floor / Wall	Interior / Exterior Floor / Wall / Ceiling	Interior / Exterior Floor / Wall / Ceiling	Interior Floor / Wall / Ceiling ³
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		■	■	■	■	■
■	■	■	■	■	■	■
		■	■	■	■	■
		■	■	■	■	■
		■	■	■	■	■ ³
■	■	■ ²	■	■	■	
		■ ²	■	■	■	
		■	■	■	■	■
■	■	■	■	■	■	■
		■	■	■	■	■

■	■	■	■			
■	■	■	■			
Under only	Under only					
■	■	■	■			
		■	■			
		■	■			
16" OC Max	16" OC Max	16" OC Max	16" OC Max			
■	■	■	■			
■	■	■	■			
■	■	■	■			
		■	■			
		■	■			

10-Year	5-Year	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime
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Surface Preparation



Wall Mud

A pre-measured, portland cement-based plaster containing hydrated lime, perlite and sand aggregate. It is used as the scratch and brown coat for ceramic tile installations.

Installs Where:

- Interior / Exterior
- Walls

Features:

- Eliminates mortar box
- Less tile bond failures
- Can be used over lath on wood or metal studs
- Convenient for small or large jobs

Product #	Packaging
65467004	50 lb (22.7 kg) bag



Floor Mud

A portland cement-based mortar designed for thick setting beds under ceramic or quarry tiles. When mixed to a dry consistency, Floor Mud allows maximum compaction during tamping.

Installs Where:

- Interior / Exterior
- Floors

Features:

- Excellent workability
- Can be used up to 9" (229 mm)
- Pre-measured packaging for easy mixing. Just add water or ProSpec B-710 SBR Mortar Additive
- Convenient for small or large jobs

Product #	Packaging
65467002	50 lb (22.7 kg) bag



Vinyl Concrete Patch

A fast-setting, one-component, polymer-modified, calcium aluminate, cement-based, horizontal concrete patching compound.

Installs Where:

- Interior / Exterior
- Horizontal Only

Features:

- Can be applied from 1/16" to 2" (2 mm to 51 mm) neat*
- Ready for pedestrian traffic in 8 to 12 hours
- Ready for vehicle traffic in 48 hours
- Excellent abrasion resistance
- Excellent resistance to deicing salts
- Shrinkage compensating

**Applications from 1/16" to 1/4" (2 mm to 6 mm) require the replacement of 1 qt. water with 1 qt. of ProSpec B-730 Mortar / Acrylic Additive.*

Product #	Packaging
60200770	40 lb (18.1 kg) bag



Floor Patch Pro

A fast setting, polymer-modified, easy-to-mix, portland cement-based patch and skim coating compound for use under ceramic tile, hardwood flooring, carpet and a wide array of floor coverings.

Installs Where:

- Interior
- Horizontal Only

Features:

- Featheredge to 2" (51 mm) in thickness
- Initial set in 15 minutes
- Can accept tile and stone applications as well as moisture sensitive floor coverings in as little as 30 minutes
- Can be applied to concrete with a relative humidity (RH) up to 90%
- Low dust when sanded



Product #	Packaging
60201111	25 lb (22.7 kg) bag



Feather Edge

A trowelable, rapid setting, polymer-modified, cement-based patch and skim coating compound. Ideal for use under resilient flooring, VCT and a wide array of floor coverings.

Installs Where:

- Interior
- Floors

Features:

- Featheredge up to 1/2" (13 mm) thickness without cracking
- Accepts tile and stone installations and moisture-sensitive floor coverings in 15 to 30 minutes
- No large aggregate, resulting in ultra-smooth, thin finish that can be sanded
- Exceptional bond strength



Product #	Packaging
65550000	10 lb (4.5 kg) bag (4/cs)

Surface Preparation Self-Levelers



Level Set 300

A high-performance, calcium aluminate, fiber-reinforced, self-leveling underlayment that provides a flat, extremely smooth, durable surface for finished flooring installation. Ideal for fast track applications.

Installs Where:

- Interior
- Floors

Features:

- Formulated for maximum flow
- Seamless merging with every pour
- Applications from 1/8" to 2" (3 mm to 51 mm) neat and can be featheredged to adjoining elevations
- Walkable in 3 to 4 hours
- Accepts non-moisture sensitive tile and stone in 3 to 4 hours



Product #	Packaging
65550012	50 lb (22.7 kg) bag

Level Set 200

A calcium aluminate-based, self-leveling underlayment used to level and smooth floors for finished floor covering installation. Designed for the fast leveling of floors.

Installs Where:

- Interior
- Floors

Features:

- Applications from 1/8" to 2" (3 mm to 51 mm) neat and up to 5" (127 mm) extended
- Walkable in 3 to 4 hours
- Accepts non-moisture sensitive tile and stone in 4 hours



Product #	Packaging
65550004	50 lb (22.7 kg) bag

Level Set 100

A portland cement-based, self-leveling underlayment used to level and smooth floors for finished floor covering installation.

Installs Where:

- Interior
- Floors

Features:

- Applications from 1/8" to 1" (3 mm to 25 mm) neat
- Portland cement-based
- Provides a smooth surface
- Accepts tile and stone installations in 24 hours

Level Set Deep Pour 3

A calcium aluminate cement-based, self-leveling underlayment that provides a flat, smooth, durable surface up to 3" (76 mm) in one lift. Ideal for thick-build applications.

Installs Where:

- Interior
- Floors

Features:

- Applications from 3/8" to 3" (10 mm to 76 mm) neat
- Walkable in 3 to 4 hours
- Accepts non-moisture sensitive tile and stone in 4 hours



Product #	Packaging
65555002	50 lb (22.7 kg) bag

Level Set LW-60

A lightweight, self-leveling underlayment that provides a flat, smooth, durable surface at 50% of the weight of a conventional portland cement or gypsum-based underlayment. Ideal when load bearing restrictions apply.

Installs Where:

- Interior
- Floors

Features:

- Applications from 1/4" to 2" (6 mm to 51 mm) neat and can be featheredged to adjoining elevations
- Half the weight of traditional cement and gypsum based systems
- Approximately same coverage as 50 lb bag
- Walkable in 3 to 4 hours
- Accepts non-moisture sensitive tile and stone in 4 hours



Product #	Packaging
65550018	25 lb (11.3 kg) bag

Preformed Components



Niches

- In-wall design allows installation with the same tile as the surrounding walls
- Higher density foam construction eliminates water absorption
- Won't leak or allow condensation to build up inside the wall
- Coated with a waterproof membrane that meets ANSI A118.10 and has IAPMO approval

Product #	Specifications
65466001	PF-301 Square 12" H x 12" W*
65466011	PF-304 Wide Combo 21" H x 12" W*
65466014	PF-308 Square 6" H x 6" W*
65466012	PF-305 Narrow Combo 21" H x 6" W*
65466013	PF-306 Rectangular 21" H x 12" W*
65466016	PF-309 Medium Combo 21" H x 8" W*

*NOTE: All nominal dimensions are of the interior cavity. All niches are designed for 16" O.C. walls.



Shower Seats

- Easy installation
- Made of high-density materials and contains no wood or cellulose fibers
- Waterproof and lightweight

Product #	Specifications
65466017	PF-402 16" x 16" Triangle
65466018	PF-403 23" x 23" Triangle

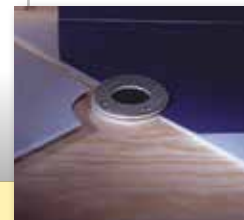
NOTE: Seats hold 28.5 lbs. per square inch or 4,000 lbs. per square foot.



Curbs

- Ideal for use with PVC pan liners
- Watertight and durable, substrate suitable for all varieties of tile
- Manufactured to allow for the industry "pre-slope" required under all shower pans
- 3.625" interior dimension

Product #	Specifications
65466005	PF-201 4' Length
65466006	PF-202 8' Length



Slopes

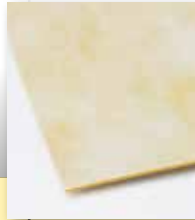
- Adheres to the tile industry specific 1/4" sloped fill and complies with the guidelines noted in the Tile Council of North America Handbook
- Excellent for cut-to-fit site applications
- Allows installation of the pan liner, mortar bed and tile in one day
- Essential for proper mortar bed drainage which helps reduce the growth of mold

Product #	Specifications
65466002	PF-102 24" x 48"

Tapered 3/4" to 1/4" standard dimension
NOTE: It is the user's responsibility to ensure waterproofness prior to tiling.



Waterproof Membranes / Crack Isolation



B-6000 Waterproof / Crack Isolation Membrane

An advanced latex polymer-based technology used as a waterproofing membrane underlayment or as part of a crack isolation system.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Exceptional elongation & flexibility
- Flood test in 12 hours
- Anti-fracture protection up to 1/16" (2 mm)
- Solvent free and VOC compliant
- Use in shower stalls, tub surrounds, spas, pools, steam rooms or food processing areas
- Meets IAPMO specifications

CompoSeal Blue Sheet Membrane

A flexible membrane used for waterproofing underneath a mortar bed.

Installs Where:

- Interior / Exterior
- Floors / Walls

Features:

- Requires a 1/2" to 2" (38 mm to 51 mm) mortar bed on top prior to installing tile or stone
- Provides stress crack protection
- Ideal for waterproofing showers, Roman tubs and whirlpool bath enclosures

CompoSeal Gold Sheet Membrane

A 4-ply flexible waterproof membrane designed for bonding ceramic tile or stone directly to it when using a tile setting mortar system.

Installs Where:

- Interior / Exterior
- Floors / Walls

Features:

- Provides stress crack protection

Flex-Guard

A primerless, pressure sensitive, elastomeric, crack isolation and anti-fracture system.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- No priming required
- Lightweight, easy to handle and cut
- Chalk lines visible through membrane for easy installation
- Isolates up to 3/8" (10 mm) horizontal movement and 1/4" (6 mm) for partial coverage
- 25 mil thickness

Speed-Flex

A primerless, pressure sensitive and elastomeric crack isolation and anti-fracture system.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- No priming required
- Lightweight, easy to handle and cut
- Chalk lines visible through membrane for easy installation
- Isolates up to 3/8" (10 mm) horizontal movement and 1/8" (3 mm) for partial movement
- 15 mil thickness

Product #	Specifications
65469005	1 gal (3.8 L) tub (4/cs)
65469007	3.5 gal (13.2 L) pail

ProSpec B-6000 Mesh Fabric	
65469011	36" x 12' rolls (914 mm x 4 m) (9/cs)
65469013	6" x 60' rolls (152 mm x 18 m) (6/cs)
65469009	36" x 60' rolls (914 mm x 18 m) (6/cs)

Product #	Specifications
65463004	4' x 50' (1.2 x 15 m)
65463006	5' x 50' (1.5 x 15 m)
65463008	6' x 50' (1.8 x 15 m)
65463005	4' x 100' (1.2 x 30 m)
65463007	5' x 100' (1.5 x 30 m)
65463009	6' x 100' (1.8 x 30 m)

Corner Curb	
65463000	Inside (20/cs)
65463001	Outside (20/cs)

CompoSeal Solvent Cement	
65463011	(12/cs)

Product #	Specifications
65463010	5' x 90' (1.5 x 27 m)

Corner Curb	
65463002	Inside (20/cs)
65463003	Outside (20/cs)

CompoSeal Solvent Cement	
65463011	(12/cs)

Product #	Packaging
65464001	1' x 25' (0.3 m x 7.6 m) (8/cs)
65464002	1' x 75' (0.3 m x 23 m) (4/cs)
65464003	2' x 75' (0.6 m x 23 m) (2/cs)
65464004	3' x 75' (1 m x 23 m) (1/cs)
65464005	4' x 75' (1.2 m x 23 m) (1/cs)

Product #	Packaging
65464011	1' x 25' (0.3 m x 7.6 m) (8/cs)
65464012	1' x 75' (0.3 m x 23 m) (4/cs)
65464013	2' x 75' (0.6 m x 23 m) (2/cs)
65464014	3' x 75' (1 m x 23 m) (1/cs)
65464015	4' x 75' (1.2 m x 23 m) (1/cs)

Mortars & Additives

Engineered Performance Series



Permalastic System

A two-component, tile setting mortar designed for maximum adhesion capabilities, deformability and capable of bridging 3/16" (5 mm) cracks. Ideal for exterior commercial applications, tile installations over suspended concrete slabs and difficult to bond to substrates.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Superior flexibility and bond strength
- Extended open time and workability
- Capable of bridging 3/16" (5 mm) cracks
- Extra heavy-duty rating per ASTM C627
- Superior adhesion to exterior grade plywood

Specifications:

- ANSI A118.4, A118.11, ANSI A118.15
ISO 13007 C2ES2P2

Product #	Packaging
65465001	Gray: 50 lb (22.7 kg) bag
65465002	White: 50 lb (22.7 kg) bag



Permalastic Rapid

Rapid setting Permalastic formula for commercial applications that demand fast return to service. It can be grouted in 2 to 4 hours.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Rapid Setting: Grout in 2 to 4 hours
- Superior flexibility and bond strength
- Extended open time and workability
- Capable of bridging 3/16" (5 mm) cracks
- Extra heavy-duty rating per ASTM C627
- Superior adhesion to exterior grade plywood

Specifications:

- ANSI A118.4, A118.11, A118.15
ISO 13007 C2FS2P2



Product #	Packaging
65465007	Gray: 50 lb (22.7 kg) bag
65465003	White: 50 lb (22.7 kg) bag



PermaFlex 600

A superior performance, one-component, portland cement-based tile setting mortar providing better adhesion for difficult to bond substrates and capable of bridging up to 1/8" (3 mm) cracks.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Polymer-modified – just add water
- Excellent adhesion to exterior grade plywood
- Capable of bridging 1/8" (3 mm) cracks
- Extended open time
- Better flexibility and bond strength for difficult to bond surfaces

Specifications:

- ANSI A118.4, A118.11, A118.15
ISO 13007 C2ES1P2

Product #	Packaging
65304760	Gray: 50 lb (22.7 kg) bag
65304785	White: 50 lb (22.7 kg) bag



Quick PermaFlex 570

A rapid-setting, high performance, one-component, calcium aluminate-based, tile setting mortar designed for difficult to adhere substrates – such as tile over cut back, VCT and tile over tile. Ideal for projects requiring a quick return to service.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Rapid Set: Grout in 2 to 4 hours
- Good adhesion to exterior grade plywood
- Good flexibility

Specifications:

- ANSI A118.4, A118.11, A118.15
ISO 13007 C2FS1P1



Product #	Packaging
65467545	Gray: 25 lb (11.3 kg) bag
65467546	White: 25 lb (11.3 kg) bag



Permalastic Latex Additive

Permalastic Latex Additive is a "next generation" liquid-acrylic co-polymer designed to be used with Permalastic or Permalastic Rapid.

Product #	Packaging
65460040	2 gal (7.6 L) jug

Polymer-Modified, Specialty Series



StayFlex 590

A high performance, portland cement-based, large format tile (LFT) mortar designed for floor and wall installations and provides 20% more coverage than typical tile mortars.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

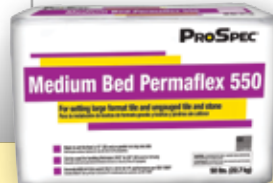
Features:

- 20% more coverage than a typical mortar
- Eliminates the need to back butter
- Non-slump for large format tile and heavy stone
- Extended open time

Specifications:

- ANSI A118.4, A118.11
ISO 13007 C2TES1P1

Product #	Packaging
65467555	Gray: 50 lb (22.7 kg) bag
65467556	White: 50 lb (22.7 kg) bag



Medium Bed PermaFlex 550

A high performance, one-component, portland cement-based, large format tile (LFT) mortar for interior / exterior floor applications where the final embedded thickness is between 3/16" to 3/4" (5 mm to 19 mm).

Installs Where:

- Interior / Exterior
- Floors

Features:

- Helps overcome irregularities in tile thickness
- Extended open time

Specifications:

- ANSI 118.4, A118.11
ISO 13007 C2ES1P1

Product #	Packaging
65304025	Gray: 50 lb (22.7 kg) bag
65304030	White: 50 lb (22.7 kg) bag



PermaFlex Lite 525

A lightweight, high performance, one-component tile setting mortar that provides twice the coverage of typical polymer-modified mortars. PermaFlex Lite 525 can be used for thin-set applications and installations of large format tile.

Installs Where:

- Interior / Exterior
- Floors / Walls

Features:

- Provides twice the coverage of typical mortars
- Non-slump for large format tile and heavy stone
- Contains post-consumer recycled material
- Extended open time

Specifications:

- ANSI A118.4, A118.11
ISO 13007 C2ES1P1

Product #	Packaging
65467535	Gray: 25 lb (11.3 kg) bag
65467536	White: 25 lb (11.3 kg) bag



Mortars & Additives

Polymer-Modified Series



PermaFlex 500

A high performance, one-component, portland cement-based, tile setting mortar designed for setting glass and other tile types to difficult to bond substrates – such as tile over cut-back, VCT and more.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Good adhesion to exterior grade plywood
- Better bond strength
- Extended open time
- Good flexibility

Specifications:

- ANSI A118.4, A118.11
- ISO 13007 C2ES1P1



PermaFlex 400

A one-component, tile setting mortar for interior and exterior installations of many tile types over a variety of substrates including concrete and exterior grade plywood.

Installs Where:

- Interior / Exterior
- Floors / Walls

Features:

- For commercial floor and residential floor and wall applications
- Good workability
- Good bond strength

Specifications:

- ANSI A118.4, A118.11
- ISO 13007 C2P1



PermaFlex 300

An economical one-component, portland cement-based, porcelain tile setting mortar designed for interior and exterior floor applications over concrete.

Installs Where:

- Interior / Exterior
- Floors

Features:

- Interior or exterior over concrete floors
- Good workability
- Available in medium bed version

Specifications:

- ANSI A118.4
- ISO 13007 C2

Product #	Packaging
65304015	Gray: 50 lb (22.7 kg) bag
65304020	White: 50 lb (22.7 kg) bag

Product #	Packaging
65252890	Gray: 50 lb (22.7 kg) bag
65252900	White: 50 lb (22.7 kg) bag

Product #	Packaging
65250311	Gray: 50 lb (22.7 kg) bag
65467516	White: 50 lb (22.7 kg) bag



Non-Modified Series



PermaSet 275

A portland cement-based, dry-set mortar designed for interior wall and floor installations of ceramic tile.

Installs Where:

- Interior / Exterior*
- Floors / Walls

Features:

- Can be used over uncoupling membrane**
- Good workability
- Available in medium bed version

Specifications:

- ANSI A118.1 and ISO 13007 C1 when mixed with water
- ANSI A118.4, A118.11 and ISO 13007 C2S1P1 when mixed with B-730 Mortar / Acrylic Additive

Product #	Packaging
65467505	Gray: 50 lb (22.7 kg) bag
65467506	White: 50 lb (22.7 kg) bag



PermaSet 200

A portland cement-based dry-set ceramic tile setting mortar for interior installations over concrete floors.

Installs Where:

- Interior / Exterior*
- Floors

Features:

- Can be used over uncoupling membrane**
- Designed for floor applications

Specifications:

- ANSI A118.1 and ISO 13007 C1 when mixed with water
- ANSI A118.4, A118.11 and ISO 13007 C2S1P1 when mixed with B-730 Mortar / Acrylic Additive

Product #	Packaging
60254796	Gray: 50 lb (22.7 kg) bag
60254797	White: 50 lb (22.7 kg) bag

* Exterior application requires the addition of B-730 Mortar / Acrylic Additive.

** Follow manufacturer's recommendations.

Additives



B-730 Mortar / Acrylic Additive

An acrylic polymer emulsion used as an admixture for superior adhesion of cement-based products and to enhance the properties of ProSpec non-modified tile setting mortars. It improves workability, extends open time, increases bond strength, improves flexibility, adhesion, impact strength and freeze / thaw resistance.

Features:

- Sets most types of ceramic tile or stone
- Excellent adhesion to exterior grade plywood
- Reduces water absorption

Specifications:

- ANSI A118.4 and A118.11 C2ES1P1 performance per ISO 13007 when mixed with ProSpec PermaSet 200 or ProSpec PermaSet 275

Product #	Packaging
65460020	1 gal (3.8 L) (4/cs)
65460021	5 gal (19.0 L) pail

B-710 SBR Mortar Additive

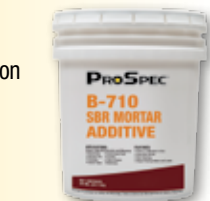
A synthetic, rubber, polymer emulsion used as a fortifier in non-modified tile setting mortars, Floor Mud and other cement-based materials.

Features:

- Extends open time
- Increases bond strength, flexibility and workability
- Improves freeze / thaw resistance

Specifications:

- ANSI A118.4 when added to non-modified tile setting mortars



Product #	Packaging
65460011	5 gal (13.2 L) pail

* Follow manufacturer's recommendations

Adhesives & Epoxy



B-4050 Multipurpose Tile Adhesive

A ready-to-use, white, acrylic-based adhesive developed for the interior installation of ceramic tile and natural stone on walls, floors and countertops. It is water cleanable and fast setting, resulting in less down time before grouting.

Installs Where:

- Interior
- Floors / Walls

Features:

- Excellent slip resistance and workability
- Quick initial set
- Low odor
- Non-flammable
- Bright white color, wet and dry

Specifications:

- ANSI A136.1 Type I & II



Product #	Packaging
65464531	1 gal (3.8 L) (4/cs)
65464532	3.5 gal (13.2 L) pail



B-1000 Tile Adhesive

A ready-to-use, white, acrylic-based adhesive developed for the interior installation of ceramic tile and natural stone on walls, floors and countertops.

Installs Where:

- Interior
- Floors / Walls

Features:

- Quick initial set
- Low odor
- Non-flammable
- Off white color, wet and dry

Specifications:

- ANSI A136.1 Type I & II



Product #	Packaging
65464511	3.5 gal (13.2 L) pail



B-150 Epoxy Adhesive

A 100% solid, acid and alkali resistant tile setting epoxy. B-150 Epoxy Adhesive is a 2-part epoxy consisting of Part A resin and Part B hardener, both appearing as firm pastes.

Installs Where:

- Interior / Exterior
- Floors / Walls

Features:

- Zero shrinkage
- High bond strength
- Set most types of ceramic tile or stone

Specifications:

- ANSI A118.3

Product #	Packaging
65464501	1 gal (3.8 L) kit



B-7000 Epoxy Mortar & Grout

A 100% solid, chemical resistant and water cleanable tile setting and grouting epoxy. It is a 3-part epoxy that cures by chemical reaction. It's ideally used in sanitary areas, such as kitchens, bathrooms, restaurants or hospitals and is suitable for use where steam cleaning will take place.

Installs Where:

- Interior / Exterior*
- Floors / Walls

Features:

- Non-absorptive grout
- Stain, acid and alkali resistant
- Heat resistant up to 350°F (177°C)
- Ideal for installing green marble and moisture sensitive natural stone
- Available in 38 colors when mixed with ProColor Sanded Grout

Specifications:

- ANSI A118.3

Product #	Packaging
65464541	3.8 lb (1.7 kg) kit
65464542	9.6 lb (4.4 kg) kit

*Exterior only as a setting mortar.



Tile Grout & Grout Additives



ProColor Sanded Grout

A portland cement-based blend that provides durable, color consistent and water resistant grout joints. It can be used interior or exterior and is polymer-modified so you just need to add water.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Available in 38 colors
- For grout joints 1/16" to 1/2" (2 mm to 13 mm) wide
- For wall, floor or ceiling applications

Specifications:

- ANSI A118.6
- ANSI A118.7



Packaging
25 lb (11.3 kg) bag*
10 lb (4.5 kg) bag (4/cs)*



ProColor Unsanded Grout

A portland cement-based blend that provide durable, color consistent, and water resistant grout joints. It can be used interior and exterior and is polymer-modified so you just need to add water.

Installs Where:

- Interior / Exterior
- Floors / Walls / Ceilings

Features:

- Available in 38 colors
- Can be used for grout joints up to 1/8" (3 mm) wide
- For wall, floor or ceiling applications

Specifications:

- ANSI A118.6



Packaging
10 lb (4.5 kg) bag (4/cs)*



B-7000 Epoxy Mortar & Grout

A 100% solid, chemical resistant and water cleanable tile setting and grouting epoxy. It is a 3-part epoxy that cures by chemical reaction. It's ideally used in sanitary areas, such as kitchens, bathrooms, restaurants or hospitals and is suitable for use where steam cleaning will take place.

Installs Where:

- Interior
- Floors / Walls / Ceilings

Features:

- Non-absorptive grout
- Stain, acid and alkali resistant
- Heat resistant up to 350°F (177°C)
- Ideal for installing green marble and moisture sensitive natural stone
- Available in 38 colors when mixed with ProColor Sanded Grout

Specifications:

- ANSI A118.3

Product #	Packaging
65464541	3.8 lb (1.7 kg) kit
65464542	9.6 lb (4.4 kg) kit



Procolor Stain Guard Grout Additive

A premium grout admixture for adding stain resistance to cement-based grouts including ProColor Sanded and Unsanded Grouts. It eliminates the need to seal grout and can be used indoor or outdoor.

Features:

- Creates stain, mold and mildew resistant grout
- Easy use and cleanup
- Freeze / thaw stable
- 20-Year product warranty

Product #	Packaging
65510031	72 fl oz (2.1 L) jug (4/cs)

* Contact Customer Service for product number 1-800-548-4033

Color-Matched Caulks



ProColor Advantage Caulk

A Type S, elastomeric sealant and adhesive that is color and texture matched to all of the ProSpec ProColor Grouts. This unique formula has up to 500% elongation and cures in wet environments. It is ideal for caulking around sinks, tubs and showers and for filling joints where tile meets dissimilar surfaces.

Features:

- Sanded and unsanded version
- Up to 50% joint movement
- Can be used as a 1 step expansion joint
- Adheres to aluminum, ceramics, glass, pvc, steel and wood
- Interior / Exterior

Packaging

10.3 oz tube (4/cs)**



ProColor Tile & Grout Caulk

An easy-to-clean, siliconized, acrylic latex caulk specifically formulated for easy application. Color matches ProColor Sanded and ProColor Unsanded Grout colors.

Features

- Sanded and unsanded version
- Stain, mold and mildew resistant
- Water cleanup before cured
- Siliconized acrylic formula
- Interior / Exterior

Packaging

10.3 oz tube (4/cs)**

** Contact Customer Services for product number 1-800-548-4033

Shower Installation System

Offering a full line of products that meet the needs of your shower project:

Confidence

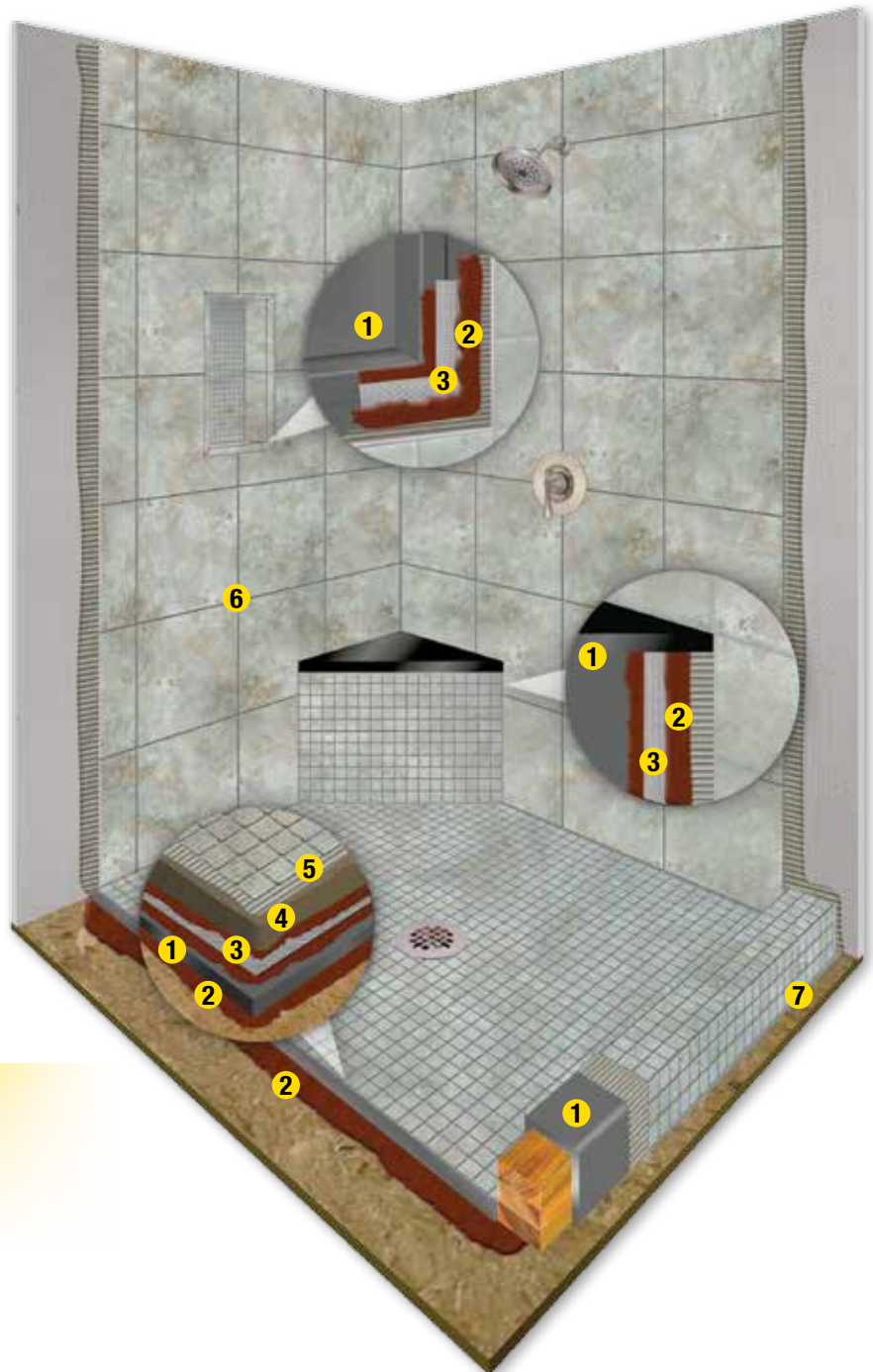
- Full line of products from a single trusted brand

Protection

- Superior waterproofing solutions
- Grouts contain exclusive Micro Defense technology to protect against mold and mildew

Speed & Ease

- Easy to install preformed products
- Easy to mix grouts and mortars
- Fast and easy grout cleanup



- 1 ProSpec Preformed Components
- 2 ProSpec B-6000 Waterproof / Crack Isolation Membrane
- 3 ProSpec B-6000 Mesh
- 4 ProSpec Floor Mud
- 5 ProSpec Tile Setting Mortar
- 6 ProSpec ProColor Grout
- 7 ProColor Advantage Caulk



prospec.com



PROSPEC®

Tile Setting Systems



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REV 02/13