

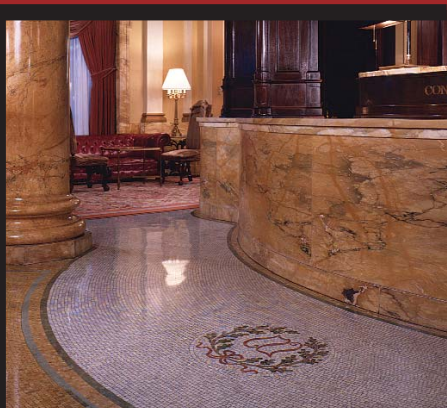


SURFACE PREPARATION

QUALITY BEGINS FROM THE
GROUND UP

**For Tile,
Stone and
Floor
Covering
Installations**

Whether you're working on a single-family home or a high-rise, quality results begin from the ground up, which makes preparing the surface for the installation of tile, stone or floor coverings the most critical part of any installation. Custom Building Products offers a comprehensive line of surface preparation products formulated to address virtually any job requirement from one dependable source.



Engineered with
CONTROLLED CURE
TECHNOLOGY™

Product Quality and Innovation

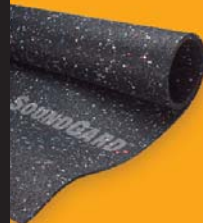
Custom is committed to developing innovative, technological solutions for your installation requirements.

Controlled Cure Technology™ (CCT) controls the rate at which water evaporates during the curing process, promoting much faster and consistent hydration.

Products carrying this symbol feature:

- Extremely fast curing properties
- Consistent curing rate and strength regardless of environmental conditions, thickness of material, substrate or tile type
- High early strength
- Cracking and shrinkage are eliminated
- Eliminates resilient flooring installation problems of bond failure, staining, mildew and crumbling due to free moisture present in traditional underlayments

SOUND REDUCTION / SELF-LEVELING



SOUNDGARD™

Sound Reduction Mat Underlayment

Use SoundGard to reduce impact sound to meet building codes and deliver high levels of acoustical control and privacy for interior spaces. A resilient mat sheet made from recycled rubber, 6 mm SoundGard delivers an Δ IC rating of 52 without a suspended ceiling.

LEVELQUIK® RS

Rapid Setting Self-Leveling Underlayment

Levels floors prior to the installation of a wide variety of floor coverings. Can be applied from featheredge to 1" thick in one pour.

- Eliminates resilient flooring installation problems
- Cures ultra-fast and develops high early strength for quick installations
- ASTM C627 rated for extra heavy and high impact ceramic tile installations over wood subfloors with joists up to 24" o.c.

LEVELQUIK™

Latex Primer

Latex primer/sealer that prepares surfaces for the application of LevelQuik® Self-Leveling Underlayments.

- Seals porous surfaces
- Improves the bond of self-leveling underlayments

LEVELQUIK® ES

Extended Setting Self-Leveling Underlayment

Levels floors prior to the installation of a wide variety of floor coverings. Easy-to-use formula for applications requiring extended working time. Apply from featheredge to 1/2" thick.

- Up to 30 minutes working time
- ASTM C627 rated for extra heavy and high impact ceramic tile installations over wood subfloors with joists up to 24" o.c.

LEVELQUIK® DP

Deep Pour Self-Leveling Underlayment

Levels floors prior to the installation of a wide variety of floor coverings. Can be applied up to 2" thick in one pour.

- Eliminates resilient flooring installation problems
- Cures ultra-fast and develops high early strength for quick installations
- ASTM C627 rated for extra heavy and high impact ceramic tile installations over wood subfloors with joists up to 24" o.c.

WATERPROOFING & ANTI-FRACTURE



REDGARD®

Waterproofing and Anti-Fracture Membrane

Ready-to-use, elastomeric, anti-fracture and anti-fracture membrane for interior or exterior commercial and residential tile and stone installations. Can also be used as a slab-on-grade moisture barrier under resilient or wood flooring.

- Easily applied with roller, trowel or sprayer
- Reduces crack transmission in ceramic tile and stone floors
- Meets ANSI A118.10 for waterproofing membranes
- Meets IAPMO specifications for use as a shower pan liner

SEMCO™

Anti-Fracture Membrane

Ready-to-use, elastomeric anti-fracture membrane for substrates subject to minor movement.

- Reduces crack transmission in tile and stone floors
- Trowel-on, single component system
- Convenient, ready-to-use
- Set tile directly over membrane

WATERPROOFING & ANTI-FRACTURE MESH

Alkali-resistant fiberglass mesh used to reinforce corners, change of plane, around drains and over minor substrate cracks.

Use according to directions with RedGard, Trowel & Seal, Semco or other suitable waterproofing and anti-fracture membranes.

- Reinforces corners, change of plane, around drains, and minor cracks
- Each roll is 6' x 50 yards

SOUNDGARD

THICKNESS	ASTM Test Method	2.5 MM (3/32")	6 MM (1/4")
Form & Dimensions	N/A	48" x 75'	48" x 30'
Weight/Sq. Ft.	N/A	0.35 lbs	0.9 lbs
Weight/Roll	N/A	105 lbs	108 lbs
Compression (Deflection)	F36	25%-35%	25%-35%
Tensile Strength	D412	100 psi min	100 psi min
Shore A Hardness	D2240	45-55 duro	45-55 duro
Tear Strength	D624	40 lbs/in min	40 lbs/in min
Compression Set B	D395	40% max	40% max
TCA Robinson Test	C627	Light Commercial	Light Commercial
ΔIIC (IMPACT INSULATION CLASS) RATINGS			
FLOOR STRUCTURE & FINISH	ASTM Test Method	2.5 MM (3/32")	6 MM (1/4")
ΔIIC Improvement by SoundGard		15	20
Bare 8" Concrete Slab	E989	32	32
Bare 8" Concrete with SoundGard & No Ceiling	E989	47	52
Product Warranty		up to 5 years	up to 5 years

TECHNICAL DATA

PHYSICAL PROPERTIES	LevelQuik RS	LevelQuik DP	LevelQuik ES
Applicable Standards	No national standard	No national standard	No national standard
Compressive Strength ASTM C109 @ 28 days	4400 psi	6000 psi	4000 psi
Flexural Strength ASTM C109 @ 28 days	1100 psi	1200 psi	900 psi
Pot Life @ 70° F (21° C)	30 min	30 min	45 min
Flow Time @ 70° F (21° C)	10 min	15 min	30 min
Initial Set, ASTM C191 @ 70° F (21° C)	90 min	80 min	2 hrs
Final Set, ASTM C191 @ 70° F (21° C)	3-1/2 hrs	2 hrs	3-1/2 hrs
Walkable Hardness	2 - 4 hrs	2 - 4 hrs	overnight
Cure time before floor covering installation	4 hrs ceramic tile 14 hrs other floor coverings	4 hrs ceramic tile 14 hrs other floor coverings	18 - 24 hrs 18 - 24 hrs
Application Thickness	Featheredge to 1"	up to 2"	Featheredge to 1/2"
Approx. Coverage Range at 1/8"	40 sq ft/ 50 lb bag	40 sq ft/ 50 lb bag	40 sq ft/ 50 lb bag

PATCHING & BEDDING MORTAR



SPEEDFINISH™

Patching & Finishing Compound

A fast-curing, cement-based patching and skim coating compound that provides a smooth finish to a variety of substrates prior to the installation of floor coverings.

- Fast-curing for time critical installations
- Eliminates bond failure, mildew and crumbling of resilient flooring
- Excellent as an embossed vinyl floor leveler
- Install most floor coverings in as little as 15 minutes

FLOOR LEVELER

Patching Compound

Fast-setting, high strength, leveling and patching compound allowing the application of flooring materials in just 2 hours.

- Can be sanded to a smooth finish
- Great for vinyl flooring installations
- Apply from featheredge to 1/2"

SKIM COAT & PATCH
Cement Underlayment

Fast-setting, polymer-modified cement-based compound that provides a smooth finish on subfloors prior to the installation of a wide variety of floor coverings.

- Mix with water to patch and level concrete or plywood
- Mix with Patching & Leveling Latex Additive for an ultra high strength system over hard to bond substrates
- Excellent as an embossed vinyl floor leveler
- Install floor coverings in just 60 - 90 minutes

PATCHING & LEVELING LATEX ADDITIVE

Increases adhesion and performance when skim coating or patching hard-to-bond-to surfaces.

- Increases bond strength of leveling and compounds
- Mix with Skim Coat & Patch Cement Underlayment for an ultra high strength system

E-CAP™

Moisture Barrier Encapsulator

Part of a slab-on-grade moisture barrier system when used with RedGard

Waterproofing & Anti-Fracture Membrane.

E-Cap is a self-leveling, cement-based encapsulator used to provide a smooth surface for resilient or wood flooring installations when a moisture barrier is required.

- Eliminates resilient flooring installation problems
- Cures ultra-fast and develops high early strength for quick installations

TECHNICAL DATA

PHYSICAL PROPERTIES	RedGard
Applicable Standards	ANSI A118.10
ANSI 118.10, Section #	
Fungus and Micro-Organism Resistance (4.2)	Passes
Seam Strength (4.2)	10.2 lbs/in width
Breaking Strength (4.3)	401 psi
Dimensional Stability (4.4)	0.10%
Waterproofness (4.5)	Passes
Shear Strength:	
4-week Dry Cure (5.5)	200 psi
100-day Water Immersion (5.7)	65 psi
Pot Life @ 70° F (21° C)	Indefinite
Initial Set, ASTM C191 @ 70° F (21° C)	1-1/2 - 2 hrs
Cure time before floor covering installation	24 hrs
Approx. Coverage Range	35 - 40 sq ft/gal @ 93 mils wet thickness

CUSTOMFLOAT®
Bedding Mortar

A lightweight Portland cement based, pre-blended mortar for use as a bedding or brown coat.

- Very low shrinkage, exceptional bond strength
- For floors, walls and countertops
- Excellent for overhead work such as showers, arches and coves
- No job site blending of powders required

TECHNICAL DATA

PHYSICAL PROPERTIES	SKIM COAT & PATCH	SPEEDFINISH	FLOOR LEVELER
Applicable Standards	No national standard	No national standard	No national standard
Compressive Strength ASTM C109 @ 28 days	4600 psi	3200 psi	>2000 psi @ 1 day
Flexural Strength ASTM C109 @ 28 days	800 psi	500 psi	
Pot Life @ 70° F (21° C)	10 min	30 min	15 min
Initial Set, ASTM C191 @ 70° F (21° C)	20 min	15 min	20 min
Final Set, ASTM C191 @ 70° F (21° C)	35 min	30 min	30 min
Cure time before floor covering installation	60-90 min	15 - 20 min. Up to 16 hrs for moisture sensitive flooring or adhesives	2 hrs for carpet or vinyl. 18 - 24 hrs for wood
Application Thickness	Featheredge to 1/2"	Featheredge to 1/2"	Featheredge to 1/2"
Approx. Coverage Range at 1/8"	25 - 27 sq ft/ 25 lb bag	30 sq ft/ 10 lb box	30 sq ft/ 25 lb bag

SURFACE PREPARATION

PRODUCT SELECTION GUIDE

	SELF-LEVELING UNDERLAYMENTS			PATCHING COMPOUNDS			BEDDING MORTAR	WATERPROOFING & ANTI-FRACTURE MEMBRANES	
	LevelQuik RS	LevelQuik DP	LevelQuik ES	Skim Coat	SpeedFinish	Floor Leveler	CustomFloat	RedGuard	Semco
APPLICATION THICKNESS	Featheredge to			Featheredge to			Application specific	93 mils wet	30-40 mils wet
	1"	up to 2"	1/2"	1"	1/2"	1/2"			
EXISTING SUBSTRATE	Cement backerboard, concrete, mortar bed, masonry	P	P	P	●	●	●	●	●
	Exterior grade plywood	P	P	P	AR	●	●	●	
	Ceramic tile, plastic laminate, VCT, sheet vinyl flooring	P	P	P	A	●		●	
	Embossed sheet vinyl flooring	P	P	P	A	A			
	Cutback adhesive	P	P	P	A	●			
CONDITION	Interior wet area	●	●	●	●	●	●	●	● ¹
	Exterior	●	●	●	●	●	●	●	
ACCEPTABLE FLOORING	Sheet vinyl, VCT	●	●	●	●	●	AR	● ²	
	Laminated flooring	●	●	●	●	●			
	Wood	●	●	●	●	●	●	● ²	
	Carpet	●	●	●	●	●	AR		
	Ceramic tile or natural stone	●	●	●	●	●	●	●	●

P Priming required
 A Additive required
 AR Additive recommended for skim coating

1 Do not use on shower floors or areas with complete water submersion.
 2 When used as part of the E-Cap Moisture Barrier System.



CUSTOM[®]
 BUILDING PRODUCTS

Custom Building Products
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 800-272-8786

www.custombuildingproducts.com



Custom Building Products is the leading manufacturer of tile and stone installation products for surface preparation, setting, grouting and care.

For long lasting tile, stone and floor covering installations, use SuperiorBit[®] tools.