



Surface Preparation & Tile Setting
Installation Products



a quality brand of



ROBERTS

1412

○ PRIMARY

Polymer Modified Thinset Mortar

R-FLEX

FEATURES

- Meets the requirements of ANSI A118.4 and ANSI A118.11
- Mid-grade thinset for more demanding applications
- Residential or commercial use

DESCRIPTION

Polymer modified, single component, Portland cement mortar for interior or exterior floor and wall installations. Use to install most ceramic, porcelain, saltillo and quarry tile.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 10mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, CANPLY exterior-grade plywood, gypsum wall board (primed with **1411 R-Bond** Acrylic Additive).



PACKAGING

- 1412RB25 - 11.34 kg (25 lb) Bag (grey)
- 1412RB50 - 22.7 kg (50 lb) Bag (grey)
- 1412WRB50 - 22.7 kg (50 lb) Bag (white)

ROBERTS

1414

● PREFERRED

Polymer Modified Thinset Mortar

R-FLEX II

FEATURES

- Meets the requirements of ANSI A118.4 and ANSI A118.11
- High performance thinset for unconventional applications
- Residential or commercial use

DESCRIPTION

Polymer modified, high-performance, single component, Portland cement mortar for interior or exterior floor and wall installations. Use to install most ceramic tile, quarry, porcelain, travertine, marble (except green and red) and granite tiles.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 10mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, CANPLY exterior-grade plywood, gypsum wall board (primed with **1411 R-Bond** Acrylic Additive), asphalt cutback adhesive, vinyl asbestos tile (VAT), linoleum or non-cushioned sheet vinyl, existing ceramic tile and cementitious terrazzo.



PACKAGING

- 1414RB25 - 11.34 kg (25 lb) Bag (grey)
- 1414RB50 - 22.7 kg (50 lb) Bag (grey)
- 1414WRB50 - 22.7 kg (50 lb) Bag (white)

Polymer Fortified Thinset Mortar

R-FLEX III

FEATURES

- Meets the requirements of ANSI A118.4 and ANSI A118.11
- Ultra high-performance thinset for demanding jobs (radiant-heated subfloors)
- Residential or commercial use

DESCRIPTION

Polymer modified, ultra high-performance, single component, Portland cement mortar for interior or exterior floor and wall installations including radiant heat. Use to install most ceramic tile, quarry, porcelain, travertine, marble (except green and red), granite and slate.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 10mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, CANPLY exterior-grade plywood, gypsum wall board (primed with **1411 R-Bond** Acrylic Additive), asphalt cutback adhesive, vinyl asbestos tile (VAT), linoleum or non-cushioned sheet vinyl, existing ceramic tile and cementitious terrazzo.



PACKAGING

1415RB50 - 22.7 kg (50 lb) Bag (grey)

Polymer Modified Thinset Mortar

R-QUICK

FEATURES

- Meets the requirements of ANSI A118.4 and ANSI A118.11
- Ultra fast setting thinset permits grouting in 2–3 hours
- Exceptional bond
- Residential or commercial use

DESCRIPTION

Polymer modified, fast-setting, single component, Portland cement mortar for interior or exterior floor and wall installations. Use to install most ceramic tile, quarry, porcelain, marble (except green and red), granite and slate.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 10mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allows grouting and traffic within 2–3 hours

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, exterior-grade plywood, gypsum wall board (with **1411 R-Bond** Acrylic Additive), properly prepared ceramic, porcelain or VCT tile.



PACKAGING

1418RB50 - 22.7 kg (50 lb) Bag (grey)

Polymer Modified Large Format Tile Mortar

R-FLEX LFT

FEATURES

- Meets the requirements of ANSI 118.11
- Premium-grade, polymer-modified, cement-based mortar for large format and heavy tiles and stones (406mm (16") or larger [1 dimension] and 6mm (1/4") minimum thickness)
- Non-sag, slump medium-bed and thin-bed for interior and exterior floor and wall installation
- Residential or commercial use

DESCRIPTION

Use to install most ceramic, porcelain, marble, travertine, granite, slate and quarry paver tiles.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 10mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
 - 12mm x 12mm x 12mm (1/2" x 1/2" x 1/2") Sq. Notch = 3.4–3.9m² (37–42 ft²)
 - 19mm x 14mm x 9.5mm (3/4" x 9/16" x 3/8") U-Notch = 3–3.5m² (32–38 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Fully cured concrete, cement backer board, masonry, cement block, cement based self-leveling underlayments, CANPLY or APA rated exterior-grade plywood and gypsum wall board primed with **1411 R-Bond** Acrylic Additive, asphalt cutback adhesive, vinyl asbestos tile (VAT) or vinyl composition tile (VCT), linoleum or non-cushioned vinyl sheet goods existing unglazed ceramic tile and cementitious terrazzo.



PACKAGING

1420RB50 - 22.7 kg (50 lb) Bag (grey)

Works great with QEP LASH® Tile Leveling System

- Creates perfect tile-to-tile leveling
- Simple 2-piece Clip and Wedge system
- Specially designed break-off point on clips for swift removal
- Provides narrow 1/16" grout lines, or can be used with tile spacers for wider grout lines

Watch a demonstration video at:
www.lashspacer.com

PACKAGING

- 99720QC LASH Clips - 96 pieces
- 99725QC LASH Wedges - 96 pieces
- 99751QC LASH Clips - 300 piece bucket



LASH®
LEVEL • ALIGN • SPACE • HOLD

Glass Mosaic Tile Mortar

R-MOSAIC

FEATURES

- Meets the requirements of ANSI 118.4
- White to maintain tile colour consistency
- Use to install glass or marble mosaic tiles
- Residential or commercial use

DESCRIPTION

White, single component, polymer-modified thin set mortar for the interior floor or wall installation of glass, marble or ceramic mosaic tiles over porous substrates.

- Approximate coverage per 11.3 kg (25 lb bag):
- 5mm x 4mm (3/16" x 5/32") V-Notch = 4.6–5.5m² (50–60 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Fully cured concrete, cement backer board, masonry, cement block, brick, fully cured cement based self-leveling underlayments, CANPLY or APA rated exterior-grade plywood and gypsum wall board primed with **1411 R-Bond** Acrylic Additive.



PACKAGING

- 9419RB25 - 11.3 kg (25 lb) Bag (white)
- 9419RB10 - 4.5 kg (10 lb) Pail (white)

Ceramic Tile Adhesive



FEATURES

- Ready-to-use, spreads easily with a quick premium bond
- Non-flammable acrylic for interior installations

DESCRIPTION

ANSI A136.1 Type 1, non-flammable, acrylic mastic adhesive designed to bond a variety of ceramic, glazed and mosaic tile. May also be used for porcelain wall tiles - 150mm x 150mm (6" x 6") maximum.

- Approximate coverage per 3.78L (US Gal):
- 5mm x 4mm (3/16" x 5/32") V-Notch = 4.9m² (53 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Structurally rigid wall surfaces, including: gypsum wallboard, cement board, cured plaster, masonry surfaces, concrete and CANPLY exterior-grade plywood.



PACKAGING

- 5900RB001 - 946 mL (US Qt) Pail
- 5900RB004 - 3.78L (US Gal) Pail
- 5900RB354 - 13.25 L (3.5 US Gal) Pail

Non-Modified (Dry Set) Thinset Mortar

FEATURES

- Meets and exceeds the requirements of ANSI 118.1
- Economical dry set (non-polymer modified) mortar
- Residential or commercial use

DESCRIPTION

Single component, Portland cement mortar for interior floor installations of low-absorption ceramic floor tile, quarry tile and pavers.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 6mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board. Can be used over plywood when mixed with Roberts 1411 *R-Bond* Acrylic Additive in place of water.

R-MIX



PACKAGING

1401RB50 - 22.7 kg (50 lb) Bag

Non-Modified (Dry Set) Thinset Mortar

FEATURES

- Meets the requirements of ANSI 118.11
- Quality dry set mortar with a high bond strength
- Residential or commercial use

DESCRIPTION

Single component, Portland cement mortar for interior floor and wall installations of most ceramic tile. When mixed with 1411 *R-Bond* Acrylic Additive it permits exterior applications of ceramic, porcelain, marble and granite over many substrates.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm x 6mm x 6mm (1/4" x 1/4" x 1/4") Sq. Notch = 7–8m² (75–85 ft²)
 - 6mm x 10mm x 6mm (1/4" x 3/8" x 1/4") Sq. Notch = 5.5–7m² (60–75 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

Masonry, concrete, gypsum wall board, cement backerboard, cement mortars and leveling compounds. With 1411 *R-Bond* Acrylic Additive: exterior-grade plywood, asphalt cutback adhesive, vinyl asbestos tile (VAT), linoleum or non-cushioned vinyl sheet goods, existing ceramic tile surfaces and terrazzo floors.

R-BOND



PACKAGING

1410RB50 - 22.7 kg (50 lb) Bag (grey)

**High Performance
Acrylic Additive**

R-BOND

FEATURES

- Increases bond strength and bonding capabilities
- Enhances exterior application in moisture and freezing conditions
- Environmentally safe

DESCRIPTION

High performance, polymer modified, additive intended to be used instead of water with Roberts thinset mortars. It is especially designed to attain superior bond strength, with the capability of bonding to more demanding and unconventional substrates. Also used to prime gypsum wall board prior to thinset application. Use 6.3L (1.66 US Gal) **1411 R-Bond** Acrylic Additive for every 22.7 kg (50 lb) bag of **R-Bond** Thinset Mortar or **R-Mix** Thinset Mortar.

SUBSTRATES

Masonry, concrete (fully cured; 28 days old), gypsum wall board, cement backerboard, cement mortars and leveling compounds, exterior-grade plywood, asphalt cutback adhesive, vinyl asbestos tile (VAT), linoleum or non-cushioned vinyl sheet goods, existing ceramic tile surfaces and terrazzo floors.



PACKAGING

1411RB6.3 - 6.3 L (1.66 US Gal) Bottle

**Premium Additive
for Stain Resistance**

**GROUT
COMPLETE**

FEATURES

- Integrated grout seal with no need for topical application
- **1431 GROUT COMPLETE** can be used with all cement based grouts, polymer-modified, regular and fast setting

DESCRIPTION

One-part component, VOC compliant, admixture for grout. Mixes with grout **IN PLACE OF WATER**, for an integrated seal, creating a harder, denser, stain resistant grout. This penetrating treatment will not change appearance or adhesion properties. When used properly, **1431 GROUT COMPLETE** forms a lifetime seal, and never requires re-application. This mildew and fungus resistant seal also provides a reduction in water absorption, which reduces cracking due to freeze-thaw and efflorescence.

USES

- 1431S** - For Sanded Grout
- 1431U** - For Unsanded Grout



PACKAGING

- 1431SRB600 - 600 mL (20 oz) Bottle for 7 lb Sanded Grout
- 1431SRB002 - 2.07 L (70 oz) Bottle for 25 lb Sanded Grout
- 1431URB001 - 1.03 L (35 oz) Bottle for 7 lb Unsanded Grout
- 1431URB004 - 3.73 L (126 oz) Bottle for 25 lb Unsanded Grout

**Polymer Modified
Sanded Grout for
Ceramic Floor Tiles**

R-GROUT

FEATURES

- Meets the requirements of ANSI 118.7
- Residential or commercial use
- 21 popular colours available

DESCRIPTION

Requiring only water for the mix, this rapid curing, non-toxic, non-dusting, iron-free grout is resistant to bacteria, fungus, oils and alkalis. Use on residential/commercial, interior/exterior floors and countertops.

- Coverage varies with tile size and joint width

USES

Use to grout joints from 3mm (1/8") to 12mm (1/2") wide on ceramic and porcelain tile, ceramic/glass mosaic, quarry, pavers, granite, slate or clay tiles.



PACKAGING

- 1430RB44 - 1.8 kg (4 lb) Box
- 1430RB7 - 3.2 kg (7 lb) Box
- 1430RB25 - 11.34 kg (25 lb) Bag

**Polymer Modified
Unsanded Grout for
Ceramic Wall Tiles**

R-GROUT

FEATURES

- Meets the requirements of ANSI 118.7
- Residential or commercial use
- 21 popular colours available

DESCRIPTION

Requiring only water for the mix, this rapid curing, non-toxic, non-dusting, iron-free grout is resistant to bacteria, fungus, oils and alkalis. Use on residential/commercial, interior/exterior walls.

- Coverage varies with tile size and joint width

USES

Use with glazed wall tiles, non-vitreous clay tiles, marble, glass mosaic and natural stone for a strong, durable grout line. Use for wall joint widths of 1.5mm (1/16") to 3mm (1/8") in dry and wet locations.



PACKAGING

- 1432RB44 - 1.8 kg (4 lb) Box
- 1432RB7 - 3.2 kg (7 lb) Box
- 1430RB25 - 11.34 kg (25 lb) Bag

**Polymer Modified
Self-Leveling
Underlayment**

R-LEVEL

FEATURES

- Rapid setting, cement-based self-leveling underlayment, up to 1/2" thick
- Mixes easily with water, is simple to pour and produces a naturally smooth finished surface that is compatible with all types of floor coverings
- Ideal for radiant-heat residential or commercial applications

DESCRIPTION

For leveling substrates that are structurally designed for the added weight of a self-leveling underlayment.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 3mm thick (1/8") = 5.5m² (60 ft²)
 - 6mm thick (1/4") = 2.75m² (30 ft²)
 - 12mm thick (1/2") = 1.4m² (15 ft²)
- Ready for light foot traffic in just 3 hours



PACKAGING

1416RB50 - 22.7 kg (50 lb) Bag (grey)

SUBSTRATES

Structurally sound, dry, fully cured concrete and CANPLY / APA rated exterior-grade plywood.

**Polymer Modified
Cement Floor Patch**

R-PATCH

FEATURES

- Fast setting and self-drying, trowelable patch from skimcoat to 1/2" thick
- Enhanced smooth finish is maintained even with layered applications
- Residential or commercial use

DESCRIPTION

Roberts **1445 R-Patch** when blended with water, is designed to fill holes, voids and depressions up to 12mm (1/2") thick. Designed for interior use this cement-based patch is compatible with all types of ceramic, carpet and resilient adhesives 90 minutes after installation.

- Approximate coverage per 10 kg (22 lb bag):
 - 1.5mm thick (1/16") = 5.5m² (60 ft²)
 - 3mm thick (1/8") = 2.75m² (30 ft²)
 - 6mm thick (1/4") = 1.4m² (15 ft²)



PACKAGING

1445RB22 - 10 kg (22 lb) Bag
1445RB4.4 - 2 kg (4.4 lb) Pail

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, exterior-grade plywood, gypsum wall board, vinyl sheet goods or urethane, vinyl composition tile (VCT), asphaltic adhesive residue, cement terrazzo or unglazed ceramic tile.

Acrylic Admixture

HIGH PERFORMANCE

FEATURES

- Increases flexural and tensile strengths as well as abrasion resistance
- Environmentally safe

DESCRIPTION

High performance additive when substituted for water that significantly increases the performance and scope of Roberts **1445 R-Patch**. Use with **1445 R-Patch** as an embossing leveler or patch and is compatible with flooring adhesives 1 hour after installation.

- Approximate coverage per 3.78L (1 US Gal) 102 + 10 kg (22 lb) bag patch:
 - 1.5mm thick (1/16") = 5.5m² (60 ft²)
 - 3mm thick (1/8") = 2.75m² (30 ft²)
 - 6mm thick (1/4") = 1.4m² (15 ft²)

SUBSTRATES

Cement mortars and leveling compounds, masonry, concrete, cement backer board, exterior-grade plywood, gypsum wall board, vinyl sheet goods or urethane, vinyl composition tile (VCT), asphaltic adhesive residue, cement terrazzo or unglazed ceramic tile.



PACKAGING

102RB004 - 3.78 L (US Gal) Bottle

Sand/Cement Mortar

R-SCRATCH

FEATURES

- Helps stabilize plywood substrates
- Residential or commercial use
- Thickness range- 1/8" to 1"

DESCRIPTION

To be used in conjunction with metal or plastic lath prior to the installation of ceramic, porcelain, mosaic, quarry and paver tile stones.

- Approximate coverage per 22.7 kg (50 lb bag):
 - 6mm thick (1/4") = 2.3m² (25 ft²)
- Allow to cure for at least 24 hours prior to grouting

SUBSTRATES

CANPLY rated exterior-grade plywood or similar.



PACKAGING

1400RB50 - 22.7 kg (50 lb) Bag

Multi-Purpose Gypsum Based Underlayment and Patch

WONDER PATCH

FEATURES

- Unsanded, polymer-modified, floor and wall patch
- Can be sanded to desired smoothness
- Dries to a hard, white finish
- Use in residential dry areas

DESCRIPTION

Roberts **1442 Wonder Patch** when blended with water, is designed to repair holes, fill voids and depressions up to 3mm (1/8") thickness. Ideal for wall applications or loose-lay flooring applications. For best results in residential direct glue-down applications, seal the patched areas with a quality latex sealer.

- Approximate coverage per 11.34 kg (25 lb bag):
 - 1.5mm thick (1/16") = 6m² (66 ft²)
 - 3mm thick (1/8") = 3m² (33 ft²)

SUBSTRATES

Masonry, dry concrete, cement backer board, exterior-grade plywood, gypsum wall board, plaster, stucco, sheetrock/gyprock, dry wooden substrates.



PACKAGING

- 1442RB25 - 11.34 kg (25 lb) Bag
- 1442RB4.4 - 2 kg (4.4 lb) Pail

Trowel Options and Coverage

Uses	Notch	Coverage	Item #
<ul style="list-style-type: none"> • Thinset Mortars – <i>Modified and Non-Modified</i> (1412, 1414, 1415, 1418, 1401, 1410) • Large Format Tile Mortar (1420) • Ceramic Tile Adhesive (5900) 		7–8m ² per 22.7 kg (75–85 ft ² per 50 lb.)	49915QC 49713QC 10113Q
<ul style="list-style-type: none"> • Thinset Mortars – <i>Modified and Non-Modified</i> (1412, 1414, 1415, 1418, 1401, 1410) • Large Format Tile Mortar (1420) 		5.5–7m ² per 22.7 kg (60–75 ft ² per 50 lb.)	49916QC 49714QC 10114Q
<ul style="list-style-type: none"> • Large Format Tile Mortar (1420) 		3.4–3.9m ² per 22.7 kg (37–42 ft ² per 50 lb.)	49919QC 49720QC 49727-1
<ul style="list-style-type: none"> • Large Format Tile Mortar (1420) 		3–3.5m ² per 22.7 kg (32–38 ft ² per 50 lb.)	49795Q
<ul style="list-style-type: none"> • Glass Mosaic Tile Mortar (9419) • Ceramic Tile Adhesive (5900) 		4.6–5.5m ² per 11.3 kg (50–60 ft ² per 25 lb.) 4.9m ² per 3.78 L (53 ft ² per US Gal.)	49917QC 49715QC 10115Q
<ul style="list-style-type: none"> • Floor Preparation Products (1400, 1416, 1442, 1445) 	Flat – Finishing	Varies (see product packaging)	10-847 49708



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Customer Service: 800-840-9422

Technical Assistance: 905-791-4444

Easy access to product data sheets, technical bulletins and MSDS sheets
24 hours a day, 7 days a week through our continuously updated website

