

LEVELQUIK® RS

RAPID SETTING SELF-LEVELING UNDERLAYMENT

- Apply from featheredge to 1" (2.5 cm) thick
- Eliminates bond failure, mildew and crumbling of resilient flooring
- Install floor coverings in 12-14 hours — Ceramic tile in 4 hours
- Rated for use on wood subfloors with joists up to 24" (61 cm) o.c.



Engineered with
CONTROLLED CURE
TECHNOLOGY™

PRODUCT DESCRIPTION

Levels interior and exterior floors prior to the installation of ceramic tile, natural stone, resilient flooring, carpet, wood, Parquet. Can be applied up to 1" (2.5 cm) thick in one pour. Seeks its own level in minutes. ASTM C627 rated for ceramic tile installations over wood subfloors with joists up to 24" (61 cm) o.c. With proper installation of the flooring system, the use of LevelQuik RS can achieve an "Extra Heavy" rating for extra heavy and high impact use in food plants, dairies, breweries and kitchens. Formulated with Controlled Cure Technology, LevelQuik RS eliminates installation problems of bond failure, crumbling, mildew and staining of resilient flooring due to free-moisture found in traditional underlayments. LevelQuik RS cures ultra-fast and develops high early strength for quick installations. Apply over concrete, backerboards, ceramic tile, brick, pavers, stone, exterior grade plywood, vinyl sheet goods and cutback adhesive.

AREAS OF USE

- Concrete
- Cement backerboards, RhinoBoard™, WonderBoard®
- Exterior grade plywood (interior) with joists up to 24" (61 cm) o.c.
- Ceramic tile, pavers, brick
- Stone
- Concrete terrazzo
- Sheet vinyl, VCT
- Cutback adhesive (non-water soluble)

USE UNDER THESE FLOOR COVERINGS

- Ceramic tile, pavers, brick
- Stone, terrazzo
- Carpet
- Wood, Parquet
- VCT
- Sheet vinyl flooring
- Laminated flooring

LIMITATIONS

- Do not use over lightweight concrete, gypsum underlayment, OSB, particle board, hardwood or Parquet floors, metal
- Do not use when the temperature is below 50° F (10° C) or on sloped surfaces that require drainage.
- Not meant for use as a wear surface.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, dry and free from contaminants that would prevent a good bond. Concrete must be fully cured and not subject to hydrostatic pressure. Concrete surfaces should accept water penetration. Plywood floors must be built to industry standards. For questions about proper subfloor installation, call Technical Support. Installation of a metal lath fastened every 6" - 8" (15 - 20 cm) is required over plywood subfloors including those covered with resilient flooring. For 23/32" (18.2 mm) plywood subfloor with 24" (61 cm) o.c. joists, metal lath must be a minimum of 2.5 lbs./sq. yd. (1.13 kg / .83 m²). Metal lath and fasteners should be galvanized or have a corrosion resistant coating. Smooth concrete surfaces, existing glazed tile, terrazzo, or polished stone should be roughened or scarified. Sheet vinyl must be well bonded and stripped of old finish. Prime all surfaces with LevelQuik™ Latex Primer before application.

Cutback Adhesive Over Concrete Subfloors

Thick accumulations, powdery, brittle or weak adhesive layers must be removed, but only with extreme caution. Cutback and other adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Consult adhesive manufacturer and all applicable government agencies for rules and regulations concerning removal. We recommend using the wet-scraping and wet-sweeping method as outlined in the Resilient Floor Covering Institute pamphlet "Recommended Work Practices for Removal of Resilient Floor Coverings." Never use adhesive removers or solvents, as they weaken or soften the adhesive and may cause it to penetrate into the concrete. The remaining residue should be no thicker than a coat of paint and should be almost transparent. Prime before application. Always install an adequate number of properly located test areas.



CUSTOM[®]
BUILDING PRODUCTS

MIXING

Mix 50 lb. (22.68 kg) bag of powder with 6 1/2 quarts (6.1 L) of clean, cool water. Slowly add powder to water while mixing with a heavy-duty 1/2" (13 mm) electric drill and mixing paddle at 650 RPM. Thoroughly mix for 2 minutes to a lump-free consistency.

APPLICATION

Pour or pump, then spread with a long-handled gauged spreader. Will seek its own level during the first 20 minutes. For featheredging and touch-ups, use a smoothing tool. Can be applied up to 1" (2.5 cm) thick in one application. If a second layer is required, install immediately after the first layer has set to a walkable hardness. If the first layer has dried over 12 hours, re-prime before second application. For installation on wood subfloors with joists up to 24" (61 cm) o.c., apply 1/2" (13 mm) thick layer of LevelQuik RS over 3/4" (19 mm) exterior grade plywood with metal lath installed.

CURING

Dries to a walkable hardness in 2 - 4 hours. 4 hours for ceramic tile and stone; 16 hours for impervious floor coverings. Drying time can vary with temperature and humidity. Test for moisture content before applying vinyl or wood flooring.

CLEAN-UP

Clean with water before material dries.

COVERAGE

50 lb. (22.68 kg) bag: 40 sq. ft. (4.6 m²) at 1/8" (3 mm) thickness

PHYSICAL PROPERTIES

Color: Available in gray or white.

Packaging: 50 lbs. (22.68 kg)

Storage: Store in a cool dry area.

ITEM CODE

LQ50

SAFETY

Contains Portland cement. Wear rubber gloves and eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Consult physician immediately.

KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.

TECHNICAL DATA

ASTM C627 rated for extra heavy use on wood subfloors with joists up to 24" (61 cm) o.c.

LEVELQUIK RAPID SETTING	
Flow Time	10 minutes
Pot Life @ 70° F (21° C):	30 minutes
Initial Set, ASTM C191 @ 70° F (21° C)	90 minutes
Final Set, ASTM C191 @ 70° F (21° C)	3 1/2 hours
Walkable hardness (after final set)	2 - 4 hours
Drying time before floor covering installation	4 hours – ceramic tile and stone 16 hours – impervious floor coverings
Compressive Strength ASTM C109	
1 day cure	2400 psi (168.7 kg/cm ²)
28 day cure	4400 psi (309.3 kg/cm ²)
Flexural Strength ASTM C109	
28 day cure	1100 psi (77 kg/cm ²)
Robinson-type Floor Tester ASTM C627	Extra heavy rating

