

# LEVELQUIK® ES EXTENDED SETTING SELF-LEVELING UNDERLAYMENT

- Up to 30 minutes working time
- For installations requiring extended working time
- Apply featheredge to 2" (5 cm) thick
- Rated for use on wood subfloors with joists up to 24" (61 cm) o.c.

PRICE



## PRODUCT DESCRIPTION

Easy-to-use formula with long working time. Imperfections can be corrected within 15 minutes after pouring. An additional 15 minute "heal time" can be obtained by troweling the surface of the material. Applies from featheredge to 2" (5 cm) thick. 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® ES can achieve an "Extra Heavy" rating for extra heavy and high impact use in food plants, dairies, breweries and kitchens. Levels interior floors prior to the installation of ceramic tile, natural stone, resilient flooring, carpet, wood and parquet. Protected by MoldGard® Technology to resist mold and mildew growth.

## AREAS OF USE

- Concrete
- Cement backerboards, 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

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

## SURFACE PREPARATION

### General 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. 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.

### Plywood Substrates:

Plywood flooring, including those under resilient flooring, must be structurally sound and meet all ANSI and deflection requirements. For questions about proper subfloor installation, call Technical Services. Installing DuraLath™ Self-Furred Plastic Lath or metal lath is required over plywood subfloor installations including those covered with resilient flooring. Cut DuraLath plastic lath to size. Edges can be overlapped or tightly "butt-jointed" depending on the overall thickness of the installation. Be sure to offset lath joints. Hold plastic lath flat to the substrate and secure with staple fasteners or roofing nails. Use 1" (2.5 cm) crown galvanized staples (min. 5/8" [16 mm] leg) or 1" (2.5 cm) hot-dipped galvanized roofing nails fastened



**CUSTOM®**  
BUILDING PRODUCTS

every 3" (7.6 cm) around the perimeter and 6" (15 cm) in the field. Staple fasteners should penetrate substrate a minimum of 3/8" (9.5 mm). Crown staples are recommended as they will speed the installation. For a metal lath, fasten every 6" - 8" (15 - 20 cm) with fasteners that have a galvanized or corrosion resistant coating. 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 M<sup>2</sup>).

**Cutback Adhesive over Concrete:**

Adhesive layers must be removed as they reduce mortar bond strength to cement surfaces. Use extreme caution as adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Never use adhesive removers or solvents, as they soften the adhesive and may cause it to penetrate into the concrete. Adhesive residue must be wet-scraped to the finished surface of the concrete, leaving only the transparent staining from the glue. Do a test bond area first, to determine desirable results. Refer to the RFCI Pamphlet, "Recommended Work Practices for Removal of Resilient Floor Coverings" for further information.

**Priming:**

Prime all surfaces with LevelQuik® Latex Primer before application.

**MIXING**

Mix entire 50 lb. (22.68 kg) bag of powder with 6-1/2 quarts (6.2 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**

Apply LevelQuik Primer with a paint brush, short nap roller or soft push broom. Apply a thin, even coat and allow to dry to a clear film, about 2 hours. Pour or pump, then spread with a long-handled gauged spreader covering all high points. Best results are achieved with a continuous flow. Don't try to push the material into hard to reach places. Just push it close by, it will flow by itself. For featheredging and touch-ups, use a smoothing tool. Imperfections can be corrected within 15 minutes after pouring. An additional 15 minute "heal time" can be obtained by troweling the surface of the material. Can be applied up to 2" (5 cm) thick in one application. A second layer can be applied the next day. Re-prime the surface 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 ES over 3/4" (19 mm) exterior grade plywood with DuraLath™ Self-Furred Plastic Lath or metal lath installed.

**CURING**

Can install floor coverings after overnight drying. Drying time can vary with temperature and humidity. Test for moisture content before applying vinyl or wood flooring.

**COVERAGE**

50 sq. ft. per 50 lbs. (4.65 M<sup>2</sup>/22.68 kg) at 1/8" (3 mm) thickness.

**CLEAN-UP**

Clean tools with water before material dries.

**STORAGE**

6 months from date of manufacture in unopened package. Store in cool, dry location.

**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.

**ORDERING INFORMATION**

	ITEM CODE	SIZE	PACKAGE
USA	LQESL50	50 lb. (22.68 kg)	Bag
Canada	CLQESL50	50 lb. (22.68 kg)	Bag

**TECHNICAL DATA**

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

	LEVELQUIK® ES EXTENDED SETTING
Flow Time	30 minutes
Pot Life @ 70° F (21° C)	45 minutes
Initial Set, ASTM C191 @ 70° F (21° C)	2 hours
Final Set, ASTM C191 @ 70° F (21° C)	3 1/2 hours
Walkable Hardness	Overnight
Drying time before covering installation	18 - 24 hours
Compressive Strength, ASTM C109	
1 day cure	2400 psi (168.7 kg/cm <sup>2</sup> )
28 day cure	4000 psi (281 kg/cm <sup>2</sup> )
Flexural Strength, ASTM C109	
28 day cure	900 psi (63.3 kg/cm <sup>2</sup> )
Robinson-Type Floor Tester ASTM C627	Extra heavy rating

**WARRANTY**

Eligible for Custom's Lifetime Installations Systems Warranty. For complete information call 800-272-8786 or visit [www.custombuildingproducts.com](http://www.custombuildingproducts.com).

