

LEVELQUIK® ES

EXTENDED SETTING SELF-LEVELING UNDERLAYMENT

- Up to 30 minutes working time
- For applications requiring extended working time
- Apply featheredge to 1/2" (13 mm) thick
- Rated for use on wood subfloors with joists up to 24" (61 cm) o.c.

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 up to 1/2" (13 mm) 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, parquet.

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

- 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

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 subfloor 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, 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 that can be harmful if sanded or abraded. Consult adhesive manufacturer and all government agencies for rules and regulations concerning removal. Use the wet-scraping and wet-sweeping method as outlined in the Resilient Floor Covering Institute pamphlet "Recommended Work Practices for Removal of Floor Coverings". Never use adhesive removers or solvents, as they will 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.

MIXING

Mix 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.



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APPLICATION

INSTALLATION TO CONFORM TO ANSI A108.5. 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 1/2" (13 mm) 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 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.

CLEAN-UP

Clean tools with water before material dries.

COVERAGE

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

STORAGE

Store in a cool dry area.

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 | COLOR | PACKAGE |
|-----|-----------|-------------------|-------|---------|
| USA | LQESL50 | 50 lb. (22.68 kg) | Gray | Bag |

TECHNICAL DATA

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

| | LEVELQUIK 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 floor covering installation | 18 - 24 hours |
| Compressive Strength, ASTM C109 | |
| 1 day | 2400 psi (168.7 kg/cm ²) |
| 28 days | 4000 psi (281 kg/cm ²) |
| Flexural Strength, ASTM C109 | |
| 28 days | 900 psi (63.3 kg/cm ²) |
| Robinson-type Floor Tester ASTM C627 | Extra heavy rating |



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