

LEVELQUIK® DP DEEP POUR SELF-LEVELING UNDERLAYMENT

- Apply up to 2" (5 cm) thick
- Install floor coverings in 12 - 14 hours — Ceramic tile in 4 hours
- Eliminates bond failure, mildew and crumbling of resilient flooring
- 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 a wide variety of floor coverings. Can be applied up to 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 DP can achieve an "Extra Heavy" rating for extra heavy and high impact use in food plants, dairies, breweries and kitchens. Apply over concrete, backerboards, ceramic tile, brick, pavers, stone, exterior grade plywood, vinyl sheet goods and cutback adhesive. Formulated with Controlled Cure Technology™, LevelQuik DP eliminates installation problems of bond failure, crumbling, mildew and staining of resilient flooring due to free-moisture found in traditional underlayments. LevelQuik DP cures ultra-fast and develops high early strength for quick installations.

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.

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, 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. 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 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.



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MIXING

Mix 50 lb. (22.68 kg) bag of powder with 1 gallon (3.78 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. For a thickness greater than 2" (5 cm), mix the powder with water as above, then add 1/2 part by volume of well graded gravel 0 - 3/8" (0 - 10 mm) particle size.

APPLICATION

Pour or pump, then spread with a long-handled gauged spreader. Will seek its' own level during the first 10 minutes. For touch-ups, use a smoothing tool. Can be applied up to 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 DP over 3/4" (19 mm) exterior grade plywood with metal lath installed.

When Used As A Concrete Topping

The surface must always be protected from wear, oil, salt and water by applying a suitable concrete wear protection system such as an acrylic or epoxy sealer according to manufacturers' instructions. The wear surface is intended for interior floors with foot and moderate duty traffic only. For further information, contact Technical Services at (800) 272-8786.

CURING

Dries to a walkable hardness in 2 - 4 hours. Can install most floor coverings in 14 hours; ceramic tile in 4 hours. 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. (4.7 m²) at 1/8" (3 mm) thickness

PHYSICAL PROPERTIES

Packaging: 50 lb. (22.68 kg) bag

Storage: Store in a cool dry area.

ITEM CODE

LQDSL50

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 DEEP POUR			
Flow Time	15 minutes		
Pot Life @ 70° F (21° C)	30 minutes		
Initial Set, ASTM C191 @ 70° F (21° C)	80 minutes		
Final Set, ASTM C191 @ 70° F (21° C)	2 hours		
Walkable Hardness	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	3400 psi	(223.9 kg/cm ²)	
28 days	6000 psi	(421.8 kg/cm ²)	
Flexural Strength, ASTM C109	28 days	1200 psi (84.4 kg/cm ²)	
Robinson-type Floor Tester ASTM C627	Extra Heavy Rating		



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