

LEVELLITE® SELF-LEVELING UNDERLAYMENT



Engineered with
CONTROLLED CURE
TECHNOLOGY™

- Levels floors from featheredge to 2" (5 cm)
- Excellent for installations where weight is a concern — Easier to pour and carry
- Will not shrink or crack
- Same coverage as a 50 lb. (22.68 kg) bag of traditional underlayment
- Made with 100% recycled materials

PRICE



PRODUCT DESCRIPTION

Formulated with CustomLite® Technology, LevelLite is 40% lighter than other self-leveling underlayments, making it easier to pour and carry. Weighing just 3 lbs. (1.36 kg) per square foot at 1/2" (13 mm) thickness, 3 lbs. (1.36 kg) lighter than traditional underlayments, it is excellent for installations where weight is a concern. Will not shrink or crack. A 30 lb. (13.6 kg) bag covers the same area as a 50 lb. (22.68 kg) bag of traditional underlayment. Levels floors up to 2" (5 cm) thick in one pour. Levels interior and exterior floors prior to the installation of ceramic tile, natural stone, resilient flooring, carpet, wood and parquet. Seeks its own level in minutes. Rated extra heavy for high impact use in food plants, dairies, breweries and kitchens. Cures fast and develops high early and final strength for quick installations. Protected by MoldGard® Technology to resist mold and mildew growth. Made with 100% recycled materials – contributes to LEED certification.

AREAS OF USE

- Concrete
- Backerboards such as 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 floors, parquet floors or 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. 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. A plastic or metal lath is required over plywood subfloor installations including those covered with resilient flooring. Cut self-furred plastic or metal lath to size.



CUSTOM®
BUILDING PRODUCTS

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 5/8" (16 cm) crown, galvanized staples (min. 5/8" [16 mm] leg) or 1" (2.5 cm) hot-dipped galvanized roofing nails fastened every 3" (7.6 cm) around the perimeter and 6" (15 cm) in the field. 1" (2.5 cm) 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 M²).

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 30 lb. (13.6 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 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 Levellite over 3/4" (19 mm) exterior grade plywood with self-furred plastic or metal lath installed.

CURING

Dries to a walkable hardness in 2 - 4 hours. 4 hours for ceramic tile and stone; 14 hours for impervious floor coverings. Drying time can vary with temperature and humidity. Test for moisture content before applying vinyl or wood flooring.

COVERAGE

55 sq. ft. per 30 lb. (5 M²/13.6 kg) bag 1/8" (3 mm) thickness.

CLEAN-UP

Clean with water before material dries.

SHELF LIFE

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
LLSLU30	30 lb. (18.9 L)	Bag

TECHNICAL DATA

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

	LEVELLITE® SELF-LEVELING UNDERLAYMENT
Flow Time	10 minutes
Pot Life @ 70° F (21° C)	30 minutes
Initial Set, ASTM C191 @ 70° F (21° C)	75 minutes
Final Set, ASTM C191 @ 70° F (21° C)	2 hours
Drying Time Before Covering Installation	4 hours — ceramic tile and stone floors 14 hours — impervious floor coverings
Compressive Strength, ASTM C109	
1 day cure	2600 psi (182.8 kg/cm ²)
28 day cure	4600 psi (323.4 kg/cm ²)
Flexural Strength, ASTM C109	
28 day cure	1200 psi (84.4 kg/cm ²)
Robinson-Type Floor Tester ASTM C627	Extra heavy rating

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

