



PRODUCT CATEGORY: SURFACE PREP

PourLite™

SUPER LIGHTWEIGHT, CALCIUM-ALUMINATE-BASED, SELF-LEVELING UNDERLAYMENT DESIGNED FOR LIGHTWEIGHT APPLICATIONS

Ideal for both pumping and barrel mixing applications | Super lightweight

DESCRIPTION: PourLite™ is a calcium-aluminate-based, interior, self-leveling underlayment designed specifically for applications where the weight of conventional self-leveling underlayments will exceed the allowable load. PourLite can be used to create a flat or level floor and does not require the addition of lightweight beads or need to be capped with conventional material prior to the installation of finished floor covering. PourLite can be applied from a 1/4" (.64 cm) up to 2" (5 cm) in one lift and can receive finished floor covering in as little as 16 hours.

PRODUCT FEATURES:

- Uses CMP Formulated Technology™
- Super lightweight, only 75 lb. per cu. ft.
- Does not need the addition of lightweight aggregate
- Maintains healing properties for up to 20 minutes
- Water resistant
- Can be applied over substrates up to 90% RH per ASTM F2170
- Contributes points to LEED® Certified Projects
- Calcium-aluminate based for rapid strength gain and reduced shrinkage

PRIOR TO FULL INSTALLATION, APPLY TO A TEST AREA TO BECOME FAMILIAR WITH APPLICATION AND TO ENSURE PRODUCT SATISFACTION.

SUBSTRATE PREPARATION: Always follow the guidelines of the finished flooring manufacturer concerning maximum allowable subfloor per ASTM F1869 (MVER) and ASTM 2170 (RH). If the results exceed 90% (RH), or above levels permissible by subsequent coatings, adhesive, or flooring manufacturer's product limitations, a LockDown EVB™ or DriSeal Onyx application will be required before priming (priming only required over LockDown EVB) and PourLite installation. PourLite should only be installed over substrates with a direct tensile bond test reading of 72 psi or greater (per ASTM C1583). Do not install over gypsum underlayment.

Concrete: Surface must be dry, sound, clean, free of oil, wax, sealers, paint, dirt, gypsum or latex patches, asphalt, urethanes, adhesives, loose material, and any contaminant that may act as

a bond breaker. Weak surfaces must be cleaned by mechanical means such as chipping, shot blasting, or grinding. DO NOT use acid, chemical cleaners, or mastic removers on any surface to which an XL Brands® product will be applied.

PHYSICAL PROPERTIES	
Packaging	25 lb. bag
Color	Gray
Shelf Life	18 Months
Storage	Store in cool, dry area at 70°F (21°C)
Water Requirements	5 quarts (4.7 L) of water per bag
Coverage (Yield)	18 sq ft per 25lb bag at 1/4" (6.4mm)
Application Temperature Range	50°F to 95°F (10°C to 35°C)
Installation Thickness	1/4" to 2" (6.4 to 50.8 mm) in one lift
Set Times: ASTM C191	Flow Time: 20 minutes Final Set: 60 minutes
Compressive Strength: (ASTM C109)	1 Day 2500 psi 17.2 MPa 7 Day 3500 psi 24.1 MPa 28 Days 4500 psi 31.0 MPa
Accepts Coverings:	Thin-Set Ceramic Tile: 4 hours at 1/4" (6.4 mm) Water-Based Adhesives: 12 hours at 1/4" (6.4 mm) Epoxy/Urethane Adhesives: 16 hours at 1/4" (6.4 mm)
Cured Density	Approx. 75 lb./cu ft

SURFACE PRIMING:

Concrete: All substrates must be clean and dry before primer is applied. Dilute AS-100™ Primer, by mixing 1 part AS-100™ to 1 part clean, potable water. Primer must be applied evenly using a nylon push broom with exploded tips and should be worked into surface. Apply a thin coat, leaving no bare spots, puddles, or excess primer. Broom out any puddles that form as primer begins to dry. If primer has dried longer than 24 hours, a second coat of AS-100™ may be required. Allow to dry to a clear, thin film, approximately 1-2 hours.

Highly Porous Concrete: Apply an initial primer application diluted 3 parts water to 1 part AS-100™. Apply using the same methods described above, and allow to dry 1 hour minimum prior to applying the second coat, diluted 1 part water to 1 part AS-100™. Maximum open time for AS-100™ Primer is 24 hours.

MIXING: For each bag, add a maximum of 5.0 quarts (4.7 L) of clean, cool water into a mixing drum. Add bags of PourLite while mixing at full speed using a mixing paddle with a heavy duty 1/2" drill (min. 650 rpm). Mix completely for approximately 2 minutes or until lump free. Do not add any additional water. Keep mixing paddle immersed in material to avoid entraining excess air.

MANUAL APPLICATIONS: Expansion joints must be reflected through PourLite. Immediately pour the blended PourLite on the floor and disperse with a gauge rake followed by smoothing the material with a smoothing paddle. Plastic athletic-type cleats should be worn when using smoother to avoid leaving marks. PourLite will maintain its workability and leveling properties for up to 20 minutes.

PUMPING APPLICATIONS: Deep placements and large projects are more efficiently installed with the use of a pump. Contact XL Brands® for instructions, recommended pumping procedures, and approved equipment.

DEEP-FILL APPLICATIONS: Due to its unique lightweight technology, PourLite is often poured deep. If barreling, blocking will be necessary to contain the very fluid material in manageable-sized sections. The blocking can be pulled as soon as the material takes its initial set. Covering the blocking material in duct tape will prevent the PourLite from adhering. If the area is being "leveled," use leveling pins and an auto-level or rotary laser to set pin heights. Normally the pins are set in a grid pattern from 3 to 5 feet (.9 to 1.5 m) apart depending on the tolerance of level trying to be achieved. The leveling pins should remain in the applied cement.

GUIDELINES FOR SECONDARY LIFTS:

- All substrates must be properly prepared per the product technical data sheets
- Expansion foam/rolls must be placed at all vertical surfaces and perimeters
- Only two self-leveling underlayment lifts/layers are permitted
- First lift/layer must be 3-days cured before the application of a second lift
- Priming between lifts required with the dilution ratio of 2:1 (water to AS-100)
- Second lift/layer must not exceed 30% thickness of the first lift/layer

- Multiple lifts (more than two) can be applied, provided that an engineer approves it.

IMPORTANT APPLICATION NOTES:

- PourLite is not a wear surface.
- PourLite is not intended for heavy rolling loads.
- During application and for first 24 hours, prevent excessive air movement but maintain adequate ventilation.
- Protect material from direct sunlight. These variables can cause uneven curing patterns, a false set, and cracking.
- PourLite is self-curing. No wet curing methods or curing compounds should be used.
- Cooler temperatures, higher humidity, and inadequate ventilation can extend drying times.

ELIGIBLE LEED® CREDITS:

Regional Materials

Low-Emitting Materials

STORAGE: Shelf life is 18 months from manufacturing date in unopened, original packaging. Must be stored in a cool, dry location, elevated (off the ground or floor) at temperatures between 50°F and 90°F (10°C and 32°C). Protect from moisture and excessive humidity. Do not expose to direct sunlight during storage.

CLEANUP: Clean with water immediately after use.

VOLATILE ORGANIC COMPOUNDS: 0 g/L (as calculated per SCAQMD 1168)

HEALTH AND SAFETY: Always refer to the Safety Data Sheet (SDS) prior to use for proper handling, cleanup, and spill containment. SDS may be obtained by calling 706-508-5907.

FOR PROFESSIONAL USE ONLY

NOT LABELED FOR CONSUMER USE

KEEP OUT OF REACH OF CHILDREN

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