



Self Leveling Underlayment Pro

Tech Data Sheet

Product Description

VIEIRA Self Level Underlayment is a dry blend of cement, aggregates and admixtures designed for levelling the surface of existing cured concrete slabs. It is ideal to use to level and smooth floors, before finished floor covering installations. It can accept tile and stone applications in as little as 6-8 hours.

Benefits

The product has excellent workability for a smooth surface, it is pourable and pumpable and offers application thickness of ¼"-2" in a single application.

Coverage

Coverages shown are approximate. Actual coverages may vary according to substrate conditions and thickness of applications.

Application Depth Approximate Coverage per 50 lbs. (22.68 kg)

- 1/4" (6 mm) 24 sq. ft. (2.18 m²)
- 1/2" (12 mm) 12 sq. ft. (1.10 m²)
- 1" (25 mm) 6 sq. ft. (0.55 m²)
- 2" (50 mm) 3 sq. ft. (0.275 m²)

Preparation

Materials should be stored at 50°F (10°C) to 90°F (32°C) 24 hours prior to installation. It is important that all surfaces be structurally sound and free from any contaminants that may inhibit bond, including oil, grease, dust, paint, sealers, floor finishes, curing compounds or contaminants. Surface temperature should be a minimum of 46°F (8°C) and air temperature maintained above 50°F (10°C). DO NOT cover existing building expansion or control joints. Provide control joints where specified. Create a minimum of 1/8" to 1/4" (3-6 mm) wide gap when Vieira Self Leveling Underlayment abuts walls, columns, and fixtures by installing a foam weather stripping expansion joint. Surfaces must be primed with Vieira underlayment primer prior to installation of self leveler. See Primer label for application instructions. Material can be installed over green concrete with RH of 99% or less. This product should not be used as moisture vapor barrier. If substrate moisture content exceeds the maximum allowed by the flooring manufacturer, then moisture mitigation must be applied prior to application of self leveller.

Application

Apply when air temperature is between 50°F (10°C) and 90°F (32°C) within 24 hours of application. Close all windows, doors and HVAC vents to minimize air flow. Pour or pump the blended material onto the floor and spread with a gauge rake followed by smoothing the material with a surface smoother. Use of spike shoes will help to avoid leaving marks. Best results are achieved by maintaining a continuous wet flow/edge throughout the application. Vieira self level plus has a working time 25-35 minutes at 70°F (21°C). Temperature and humidity will affect flow, working time and set time.

Mixing

For barrel/pail mixing: In a clean 20-25 gallon (76-95 L) container add 5.5 qts. (5.2 L) of clean, cool potable water for EACH 50 lb. (22.68 kg) bag. Next add the Vieira self levelling bags, while mixing at full speed using an egg-beater mixing blade attached to a heavy-duty 1/2" (12 mm) drill (min. 650 rpm). Do not add extra water. Mix completely for a minimum of 2 minutes until lump free,

adding no additional water. Avoid overwatering, over mixing or moving the mixer up and down during mixing as this will entrap air, lower the strength and may cause cracking and/or pin holing. The formation of a white film on the surface is an indication of overwatering. To keep the job moving, it is recommended that two mixing drums be used simultaneously. This will allow one mixing container to be poured while the other is being mixed.

Curing

Protect from excessive drying due to temperature, air movement and direct sunlight. Turn off all HVAC systems whenever possible for up to 24 hours after installation. The use of damp curing or the use of curing compounds is not recommended.

Limitations

- For interior use only.
- Do not apply when the temperature is below 50°F (10°C).
- Not for use in conditions of hydrostatic pressure or excessive moisture.
- Do not apply over sealed concrete, tempered hardboard (e.g. Masonite), particle board, strip wood flooring or lauan plywood.
- Vieira self level underlayment is not a wear surface and should be protected from construction trade traffic until the final floor covering is applied. Do not allow heavy or sharp metal objects to be dragged directly across the surface.

Packaging

Packaged in 22.68kg (50lb) bags.

Warranty/Disclaimer

Because the conditions of use and application of our products are beyond control, Vieira Concrete Supply makes no warranty of fitness or merchantability for any particular purpose and expressly disclaims liability for incidental or consequential damages whether based on negligence or warranty. Buyer's sole remedy shall be the refund of purchase price from point of purchase.

Manufacturer

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