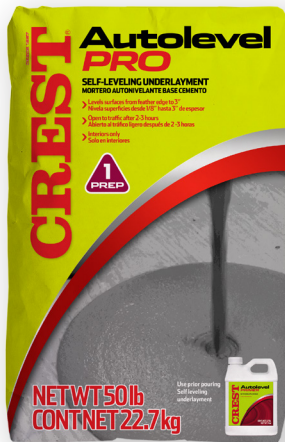


CREST

Premium Tile & Stone Installation Products



CREST AUTOLEVEL PRO

CREST AUTOLEVEL PRO is a quick return to service self-leveling underlayment, cement-based, specially designed for renovation and new construction projects, smooth and level surface prior to the installation of floor coverings. It is suitable for thicknesses from 1/4" to 3" thick. Only for interiors.

WALKABLE IN 2-3 HRS
Self-Leveler Underlayment

Product Benefits:

- Low Shrinkage
- Superior Leveling properties
- Maintains healing properties for up to 20 minutes
- Can be installed over "Green concrete"
- Repairs and levels concrete surfaces from feather edge to meet existing elevations
- Can be left open to normal construction traffic for up to 12 months
- Ideal for pumping applications
- Mold and mildew resistant
- Contributes points to LEED Certified Projects (20% Recycled content)
- Walkable in 2- 3 hours

Suitable as an Underlayment for:

- Ceramic, mosaic or quarry tile
- Impervious porcelain and glass tile
- Vitreous, semi-vitreous or non-vitreous tile
- Natural stone tile
- Cement-based precast terrazzo
- Carpet
- Wood
- Laminated flooring
- Sheet vinyl flooring
- Vinyl composition tile (VCT)

Suitable Substrates:

- Concrete
- Properly prepared existing ceramic, mosaic or quarry tiles
- Terrazzo
- Most adhesives approved for concrete
- Exterior grade Plywood (In accordance with TCNA Handbook´s F185 spec.)

Composition

CREST AUTOLEVEL PRO is a dry blend of Portland cement, copolymers, chemicals additives and inorganic aggregates.

Limitations of the Product

- For interior use only
- It is the responsibility of the contractor to review the complete technical datasheets of Crest products referenced above as more detailed information may be required. The information provided above acts only as a general guideline and may vary based on jobsite conditions.
- Expansion or isolation joints and working cracks must be reflected through CREST AUTOLEVEL PRO
- No wet curing methods or sealers and/or curing compounds should be used.
- On new concrete always test for sealers and/or curing compounds which inhibit bond. If sealers and/or curing compounds are present they must be removed by mechanical means prior to applying CREST AUTOLEVEL PRO
- Do not use over materials containing asbestos.
- It is the responsibility of the contractor to determine the suitability of this product for the desired application.
- Install only at temperatures between 50°F and 100°F (10°C and 38°C). Depth of lift, cooler temperatures, inadequate ventilation and higher humidity can extend drying times.
- Do not use over dimensionally unstable substrates such as hardwood flooring, oriented strand board (OSB), substrates containing asbestos, or metal. See "Suitable Substrates" section above.
- Do not use it as a wear surface.
- Do not bond directly to hardwood, Luan plywood, cushion or sponge-back vinyl flooring, metal, fiberglass, particle board parquet
- If application is taking place over plywood flooring, installation requirements (finished flooring, load, use and/or deflection) specify the use of a lath or diamond mesh (meeting the requirements of ASTM C847).
- Not recommended for areas subject to severe freeze/thaw conditions.

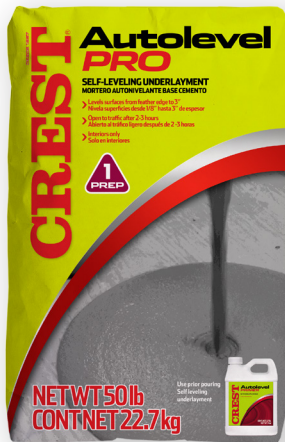
Surface Preparation

Before preparing the mixture of CREST AUTOLEVEL PRO it is necessary to clean the surface, which must be fully cured, structurally sound, dimensionally stable, perfectly leveled and clean, free from oil, paint, sealers, wax, dirt or any other type of impurity that might prevent proper adhesion.

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Concrete surfaces must be mechanically profiled and prepared by shot blasting, sandblasting, water-jetting or scarifying. Get a surface profile similar to a light broom finish or a CSP 4 as defined by ICRI (International Concrete Repair Institute).

Holes, pipes and penetrations in the substrate must be blocked or filled to prevent leveler from flowing or leak to a floor below.

Use appropriate safety equipment as chemical resistant gloves when handling the product.

Mixing Procedures

Pour into a container 5.3 to 5.5 qt. (5.5 to 5.7 lt.) of clean potable water into mixing container before gradually adding 50 pounds of CREST AUTOLEVEL PRO. Mix at full speed with a mixing paddle attached to a heavy duty 1/2" drill (min 650 rpm). Mix thoroughly until mixture achieves a smooth, creamy, lump free paste and spread as quickly as possible.

Once the mix is prepared, do not add more water, otherwise the properties of the CREST AUTOLEVEL PRO. It could be adversely affected.

Product Application:

Ambient and slab temperatures should be above 50°F (10°C) or below 100°F (38°C) for 72 hours to achieve proper bond. Temperature and humidity affect working time, flow ability and setting time.

Prior to apply CREST AUTOLEVEL PRO properly prepare the surface and prime with AUTOLEVEL PIMER according to the specifications on its technical data sheet.

Pour CREST AUTOLEVEL PRO®, then spread using a metal straight edge, finish trowel. CREST AUTOLEVEL PRO will seek its own level during the first 20 minutes. After achieving the desired depth, smooth the surface with a smoother to obtain an even surface, use an underlayment rake to remove air and smooth as necessary. Do not cover expansion or control joints.

CREST AUTOLEVEL PRO can be applied up to 3" thick in one application. If second layer is required, install immediately after the first has set to a walkable hardness. The surface will dry to an enough hardness in 4 hr. approx.

For pumping and large scale applications, contact CREST Technical Service for more information.

Curing of Product:

The floor may be exposed to light foot traffic in 2- 3 hrs. Install ceramic tile or stone is allowed after 24 hrs. Drying time prior to installation of floor covering can vary depending on thickness of pour temperature and humidity.

Test for moisture content before applying vinyl or wood flooring to the surface of the self-leveling underlayment. Do not damp cure, do not apply sealers or curing compounds.

Expansion and Control Joints

Provide for expansion and control joints as specified per TCNA Detail EJ171 or TTMAC Specification Guide 09 30 00 Detail 301EJ. Do not cover any expansion joints.

Cleaning of equipment

Clean tools and tile work with water while the material is fresh.

Storage

Store it in a cool dry area.

Protection

Clean your hands after use it, avoid eye contact, or prolonged contact with skin, if eye contact occurs, flush with water for 15 minutes and consult a physician immediately. Keep out of reach of children.

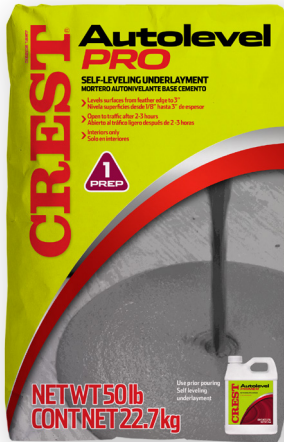
IMPORTANT

We are not responsible for any loss or damage caused due to the application of this product. Prior to application, the user must confirm whether the product is suitable for your intended use. The user must assume responsibility for the risks or damages arising from an application other than specified.

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Summary Technical Chart:

Available:	Gray
Packaging:	50 lbs. Bags (22.7 Kg)
Shelf Life:	12 months in a cool dry area, in original packing and unopened.
Pot Life:	90 Min
Flow Time:	20 Min
Flow cup (after 10 min)	13.5 cm
Flash Point:	>200°F (>93°C)
VOC:	0 g/L (as calculated per SCAQMD 1168)
Eligible LEED Credits:	Recycled Content (MR 4.1 & 4.2). 2 points Low Emitting Materials (EQ 4.1), 1 point
Installation Temperature:	Between 50/100°F (10/38°C)
Mixture Proportion:	5.3 to 5.58 qts. Clean water for each bag of 50 lb.
Walkable Hardness:	2-3 hrs.
Time to Install Ceramic Floor :	24 hrs.
Installation Thickness:	1/4" – 3" neat 5" extended with 3/8" – 3/4" clean, dry pea gravel aggregate

*Values might vary depending on the tile size, leveling the substrate, conditions and method of installation.

ASTM C-109 Method

Test Method	Typical Test Results
Compressive Strength	
4 hours	1,000 PSI (6.9 MPa)
1 day	4,000 PSI (31.0 MPa)
28 days	5,000 PSI (35.0 MPa)
Flexural Strength	
28 days	1,000 PSI (6.9 MPa)

Approximate Product Coverage (per 50 lbs. bag)

Average Coverage
50 ft ² @ 1/8"
25 ft ² @ 1/4"
12.5 ft ² @ 1/2"

Note:

Average values obtained at 23 °C ± 2 °C and relative humidity of 50 ± 5%. Performances vary depending on the format and size of the trowel to use as the leveling of the substrate.

Self-Leveler Underlayment

Cement-based polymer modified meet and exceeds ANSI A108.01 and A108.02

Repairs and levels interior concrete

*Monterrey and Mexico plants Certified.

Technical Information

For technical support and assistance, please visit our website at www.crest.com.mx

For questions or comments contact customerservice@crest.com.mx