

CREST

Premium Tile & Stone Installation Products



HIGH TECH FORMULA LIQUID POLYMER Aditive for Mortars

ADICREST MP-PLUS

ADICREST MP-PLUS® is an acrylic latex additive specially made to mix with thin-set mortars or grouts instead of water, to increase the bond strength resistant and performance of the cement based mortars, improves water resistance and compressive impacts. ADICREST MP-Plus can be also used as a primer for self-levelers.

Product Benefits:

- Excellent to improve the performance of your CREST mortars.
- Increase water resistance of thin sets and grouts.
- Increase Bond Strength of thin sets.
- Enhance color grouts.
- Amazing Primer for Self Levelers.
- Microbial Protection.
- Improves freeze/thaw durability.
- Low odor.
- Improves flexibility.
- Inhibits efflorescence.

Suitable Substrates:

- Concrete.
- Cement plasters.
- Cement backer board.
- Cement mortar beds.
- Concrete masonry, bricks.
- Terrazzo.
- Properly prepared existing ceramic tiles or stone tiles.

Composition

ADICREST MP-PLUS® is an acrylic latex based liquid, formulated with water and organic polymers.

Limitations of the Product

- Install only at temperatures between 50°F and 100°F (10°C and 38°C).
- 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 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).
- Do not use for installations subject to prolonged water immersion or areas with permanent moisture exposure.
- Not recommended for areas subject to severe freeze/thaw conditions.

- Do not tile over metal substrates.

- Before application of CREST AUTONIVEL CAPA DELGADA®, always properly prepare the surface and prime with ADI-CREST MP-Plus®.

Packaging:

- 1 Gal. (3.78 lt) Bottle
- 32 fl. Oz. (946 ml) Bottle

Surface Preparation

Before using ADICREST MP-PLUS® it is necessary to clean the surface, must be dry and free from oil, waxes, grease, sealers, finishes, paint or any other type of impurity.

Mixing Procedures

ADICREST MP-PLUS® is ready to use, simply open the product and replace the water recommended on the instructions by ADICREST MP-PLUS®.

Mix by hand or with slow speed (150-200 rpm) drill. Mix thoroughly until mixture achieves a smooth, lump free paste. Let the mortar slake (stand) for 5-10 minutes. Mix again and will be ready to use.

If using JUNTACREST® you should mix at a rate of 3 qts. per 22 lb bag. It is important to stir the mixture every time you will apply.

Note. Do not add more additive or water once the mixture is prepared, otherwise the properties of the ADICREST MPPLUS® could be adversely affected.

Product Application

Make sure the surface is clean, dry and free of wax, grease and paint.

USE CHEMICAL-RESISTANT GLOVES, such as nitrile, when handling products and follow the appropriate instructions for each mortar application.

Equipment Cleaning

Clean tools and hands with soap and water immediately after use.

Protección

May be harmful or fatal if its swallow. May irritates eyes and skin. This product is combustible and contains petroleum distillates. Use in ventilated areas. Use vapor mask, gloves, goggles and appropriate clothing. Avoid exposure to high concentrations of vapors.

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 children and pets out of the area until the material is completely dry. Keep in original container tightly closed. Emergency Procedure and First Aid If swallowed: Do not induce vomiting. Drink water and call a physician immediately. Contact with skin and eyes: Flush with water for at least 15 minutes. If irritation persists consult your doctor.

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

Summary Technical Chart:

Packaging:	1 Gal. Pail (3.78 lt.) , 32 fl. Oz. (946 ml)
Aroma:	Low odor
Color:	White
Shelf Life:	12 months in a cool dry area, in original packing and unopened.
Pot Life:	50 to 60 Minutes
Use:	Interior and Exterior

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

ANSI Specification

Test Method	Requirements	Test Results
Compressive Strength	ATSM C109	20 - 25% Increase
Tensile Strength	ASTM C307	25 - 30 % Increase
Bond Strength		30 - 35 % Increase
Color Enhance		25 % Increase
Water Absorption		5 % Decrease

Note:

Average values obtained at 73°F ± 4°F 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.