

LEGGARI

PREP REPLACEMENT

Technical Data Sheet

PRODUCT DESCRIPTION

Leggari Prep Replacement is a clear, fast cure, water-based universal Primer – the “go-to” product in the coating industry whenever an extreme adhesion is needed. It is used when proper prep is not achievable for whatever reason. Prep Replacement Primer bonds extremely well to concrete, tile, laminate, formica, wood, painted walls, plastic, and many other surfaces.

USES

Leggari Prep Replacement is used to seal new or existing concrete prior to the application of Leggari Concrete Overlay or conventional flooring products.

COVERAGE

Coverage will vary depending on the surface it is being applied too. When mixing small amounts keep in mind the roller will soak up a few ounces of material so always make a little extra.

COUNTERTOPS:

- We recommend 2.3 oz per 1 sq ft or 21 oz per 50 sq ft

FLOORS:

- We recommend 2.6 oz per 1 sq ft or 1.5 gal per 500 sq ft

PREPARATION

• Install a minimum 4' by 4' test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.

- Refer to product Safety Data Sheet at www.Leggari.com
- Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.

SURFACE PREPARATION

Before installing any Leggari® product, substrate must be clean, profiled, and sound. Refer to Surface Preparation in individual Installation Guides.

LIMITATIONS

- Be sure to adequately prepare the surface.
- Be sure to measure and mix properly.
- Do not apply in temperatures below 50°F or above 90°F. Hot or cold weather may effect dry times.
- Do not allow water to come into contact during the curing time
- Do not allow Leggari products to freeze.

ADVANTAGES

- Excellent adhesion and flexibility.
- Prevents chipping, cracking & peeling
- Water-based
- Reduces negative effect of Moisture Vapor Transmission in concrete.
- Can be coated over in 1 hr.
- Zero VOC.
- Virtually odorless
- Tools can be cleaned with water.
- Extreme adhesion to smooth surfaces
- Fast cure once rolled out or sprayed

SHELF LIFE AND STORAGE

Shelf life will be one year from the date of manufacture as long as containers remain unopened and when material is store in a protected environment that is free from moisture, excessive heat, freezing temperatures, and direct sunlight.

IDEAL CONDITIONS

- For best results, apply in 70°F temperatures and when temperature is decreasing.
 - Minimize dust and debris by closing windows or covering vents
 - If using a nap roller, we recommend a 3/8" nap or a 1/2" nap. Make sure to de-shed roller by rolling it on painters tape.
- *DO NOT apply under direct sunlight or inclement weather.

INSPECTION

*Surface must be structurally sound, dry, and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. Surface must be rough or porous.

HEALTH PRECAUTIONS

• Inhalation of vapor or mist can cause headache, nausea irritation of nose, throat, and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Be careful not to get on skin, clothes or in eyes. Glove and respirators are strongly recommended. Avoid breathing vapors. If splashed in the eye, flush with warm water and contact a physician if blurring persists.



MIXING AND APPLICATION

MIXING

Mix ratio:

By Volume, two Part A to one Part B - 2:1 ratio

WHEN MIXING THE FULL KITS:

- While still in its container, mix Part A – scraping the bottom while doing so. Once mixed, pour your Part A into a clean bucket.
- Add the Part B (hardener) into the bucket of Part A. Mix for 2 minutes, scraping the sides and bottom with the paint stick while mixing.

WHEN MIXING SMALLER AMOUNTS OF PREP REPLACEMENT PRIMER FROM A FULL KIT:

- Mix Part A before using, with a stir stick, scraping the bottom while mixing. Pour the desired amount of Part A into a measuring container.
- Pour Part B into the measuring container until it's at the right mark to make it a 2:1 ratio
- Mix for 2 minutes scraping the sides and bottom with a stir stick.

*EASY MIXING TIP:

- Whatever the amount of Part A you use, you will need half of that amount to get the correct ratio of the Part B needed. That's what we mean by 2:1 mixing ratio

COVERAGE

- Coverage will vary depending on the mil thickness applied and the porousness and texture of the surface.

* As a primer: 320 sq. ft. per gallon for one coat @ 5 mils WFT2

DRY TIME

You can apply Leggari Metallic Epoxy over the primer within 45 minutes to 2 hours, but no later than 2 hours. All times are based on average temperature of 70°F and 50% humidity. Hotter temperatures will increase drying time.

APPLYING PRODUCT

- Dip and roll application using 3/8" nap roller.

*For exact preparation instructions for your specific project, refer to our tutorial videos and installation guidelines.

NOTE: This product is designed to go on thin. It goes on milky white but will dry clear and can be left in a bucket or roller tray while applying. It will not heat up in the bucket like epoxy.

CLEAN UP

Uncured material should be removed with soap and warm water. Cured material should be removed mechanically, or with an environmentally-safe solvent.

DISCLAIMER

PRODUCT FAILURE DUE TO IMPROPER INSTALLATION OR DEVIATION FROM THE RECOMMENDED USES &/OR APPLICATIONS WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR/INSTALLER TO COVER THE PRODUCT COST, AND LABOR.

IN THE CASE OF A PRODUCT DEFECT BEING THE REASON, A JOINT WARRANTY WOULD COME INTO EFFECT. IF THIS WERE TO TAKE PLACE LEGGARI PRODUCTS LLC WOULD REPLACE THE PRODUCTS SOLD (NOT TOOLS & EQUIPMENT) AND THE CONTRACTOR OR INSTALLER WOULD COVER THE LABOR.

TYPICAL PHYSICAL PROPERTIES @ 75°F

Adhesion to Concrete	>500 psi
Non-volatiles (percent by weight)	39.1
Density	8.7
Pot Life	4 hours
Re-coat Window for Water-Based Topcoat	0 to 24 hours
Re-Coat Window for 100% Solids Topcoat	4 to 24 hours
Direct Impact	25 in/lbs
Reverse Impact	25 in/lbs
Taber Abrasion	170 mg loss

Prepared by:
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