

LEGGARI WB SEALER

Technical Data Sheet

PRODUCT DESCRIPTION

Leggari WB Sealer is clear 32% solids high quality, high build, water-based acrylic penetrating sealer. It's 100% UV stable, water and salt repellent, protecting concrete from freeze/thaw cycles and minimizing de-icing salt damage if applied regularly. Perfect for sealing existing concrete surfaces like driveways, exposed aggregate, patios, pool decks, pavers and Leggari Concrete Overlays. Extremely easy to apply using a simple pump up weed sprayer. It dries quickly so applying multiple coats is very fast and will not darken the surface as much as solvent-based or oil-based sealers, creating a more natural appearance.

ADVANTAGES

- UV Stable
- Water Repellent
- Protects existing concrete from de-icing salt damage
- Abrasion and chemical resistance
- Fast Dry once sprayed
- Easy spray application
- Single Component
- Good hot tire resistance after 5 to 7 days cure
- Excellent early wet and dry adhesion
- Cleanable, easy to maintain
- Wet look appearance like solvent-borne sealers
- Zero VOC and Low Odor
- Semi-Gloss
- Resists staining and makes cleaning easier
- Meets SCAQMD and Federal VOC requirements
- Micro - Permeable, allowing the substrate to breathe

COVERAGE

- Covers 2,500 - 4,000 square feet per 5 gallon pail. We recommend 3 coats

*Actual consumption rates are dependent on many factors including, but not limited to, substrate texture and porosity, variations in applied thickness and normal allowance for waste.

LIMITATIONS

- Must be applied to clean, dry substrates to avoid white blushing.
- Must be applied over properly prepared substrates only.
- Avoid application if rain is expected within 24 hours or if there is a potential for heavy mist conditions.

WHERE TO USE

- As a sealer for Leggari Concrete Overlay products
- Natural and pigmented concrete surfaces
- Exposed aggregate concrete
- Stamped full depth concrete and overlays
- Natural and cast stone, slate, and flagstone
- Colored and natural gray concrete pavers
- Brick and other masonry surfaces
- Unglazed tile and stucco

SHELF LIFE AND STORAGE

Shelf life is for one year from manufactured date provided containers remain unopened and when material is stored in a protected environment that is free from moisture, excessive heat, freezing temperatures, and direct sunlight.

PACKAGING AND COLORS

Packaging: 5 gallon pail

Color: Semi - Gloss

OVERVIEW OF INSTALLATION STEPS

Surface preparation

All surfaces must be clean, sound, dry and free from any bond inhibiting substances including, but not limited to, grease, oil and any other contaminants or loosely adhered materials. For concrete substrates, a minimum concrete surface profile of CSP-1 to CSP-3 is required depending on overall substrate and application conditions, and coating or sealing requirements. At the time of application, minimum and maximum substrate temperatures must be 50°F (10°C) and 90°F (32.2°C), respectively.



Temperatures outside these limits may negatively affect film formation, and lead to other application issues detrimental to performance and aesthetics. When pressure-washing concrete always allow the substrate to thoroughly dry prior to application which will minimize the potential for white blushing that can occur if water-based acrylics are applied to still damp substrates. When in doubt, a plastic sheet test can be performed to verify the presence of latent substrate moisture.

Mixing

Prior to use, gently stir or agitate Leggari WB Sealer to ensure any settlement of solids are brought back into suspension with the solvent vehicle. Mechanical mixing is not required, but if mixed in this manner do so at a very low speed to avoid air entrainment.

Application

Using spray equipment: Hand-held pump-up sprayers or battery-operated, such as an SMK sprayer for maximum production, may be used. Apply one to two thin even coats depending on substrate porosity, performance, and service conditions. The application of two coats is recommended and will always provide the best results. Do

For best results:

- Always install a minimum 4' by 4' test area or job site mock-up for owner approval of acceptable color, texture, finish, adhesion, and any other critical requirement prior to proceeding.
 - Literature is occasionally amended when required so it is best practice to verify current versions of product technical data sheets (PTDS), safety data sheets (SDS), and installation guides (IG's) prior to the submittal process.
 - Always protect materials from excessive heat and cold, and precondition to room temperature, as necessary.
 - Regularly check wet film thickness with a mil gauge and monitor consumption to ensure correct application rates are obtained.
 - The proper application of this product is the sole responsibility of the end user. Job site visits by Leggari representatives are only for observation and making recommendations, and do not assume any liability for supervision or quality control.
 - It is recommended to apply in two coats at the published coverage rates. Do not apply in one thick coat or hazing may occur.
 - When a matte finish is desired, apply the first coat in gloss followed by a second coat in matte.
 - When pigmenting Leggari WB Sealer, always test to verify correct dosage rate to achieve desired degree of opacity or translucency.
 - Measure substrate temperatures to ensure that material is applied when temperatures are between 50°F (4.5°C) and 90°F (32.2°C) during placement
- * CAUTION: Always keep out of the reach of children.**

TYPICAL PHYSICAL PROPERTIES @ 75°F (24°C)

Vehicale Type:	Water-based solution
Clean-up:	Water
Color:	Clear
Solids Content:	27%
VOC:	98 g/L

PHYSICAL PROPERTIES

Flexibility:	Good
Weather Resistance:	Excellent
Abrasion:	Excellent

CURING TIME (77°F)

Dry to touch:	30 minutes
Re-coat:	1 hour
Open to Light Traffic:	4 hours
Normal Traffic:	24 hours
Hot Tire exposure:	5 -7 days
Routine Maintenance:	48 hours

DISCLAIMER

PRODUCT FAILURE DUE TO IMPROPER INSTALLATION OR DEVIATION FROM THE RECOMMENDED USES &/OR APPLICATIONS WILL BE THE SOLE RESPONSIBLITY 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.

Prepared by:
Revision Date:

LEGGARI PRODUCTS LLC
JANUARY 1, 2023

