



APPLICATION INSTRUCTIONS

LITHI-TEK® 4500

PREPARATION

Avoid contact with skin, eyes and clothing. Wash hands after use and do not take internally. Please refer to the product Safety Data Sheet (SDS) before using. The preparation process should be followed to ensure adequate penetration and optimum performance:

Step 1: The concrete substrate must be structurally sound, thoroughly dry and clean. Wait at least 24-48 hours after rain and/or pressure washing before sealing; concrete should be visibly dry.

Step 2: Remove all paints, previous sealers and/or adhesives before application.

Step 3: The substrate must be clean of oil, grease, dirt, wax, curing compounds, efflorescence and other contaminants that might interfere with the penetration of the sealer.

Step 4: If acid is used to clean the concrete, neutralize the surface completely and rinse it with water prior to application. Then wait for the concrete to dry out for at least 24-48 hours.

Step 5: The surface-zone moisture content of the concrete should not exceed 4%wt.

Step 6: Cover all surrounding areas not intended to be coated.

Step 7: New concrete must be cured for at least 28 days before sealing.

APPLICATION

Step 1: Lithi-Tek® 4500 is a concentrated product that needs to be mixed with water prior to application. We recommend using a five (5) gallon bucket to mix the sealer. Pour the one (1) gallon container of Lithi-Tek® 4500 into a five (5) gallon bucket.

Step 2:

- If densifying or priming concrete: Next fill up the bucket with three (3) gallons of water (distilled water is preferred). (Lithi-Tek® 4500 can be mixed in smaller quantities as long as the one (1) part Lithi-Tek® 4500 to three (3) parts water ratio is followed. For example, one (1) cup Lithi-Tek® 4500 can be mixed with three (3) cups of water).
- If polishing concrete: Next fill up the bucket with two (2) gallons of water (distilled water is preferred). (Lithi-Tek® 4500 can be mixed in smaller quantities as long as the one (1) part Lithi-Tek® 4500 to two (2) parts water ratio is followed. For example, one (1) cup Lithi-Tek® 4500 can be mixed with two (2) cups of water).

Step 3: Stir the Lithi-Tek® 4500 and water mixture well before using.

Step 4: If spray applying, pour the mixed material into a sprayer. If roll applying, dip a 3/8" nap roller into the bucket of mixed material.



APPLICATION INSTRUCTIONS

Step 5: Spray or roll one coat onto the application area. Apply until the surface is saturated but not to the point of puddling.

Step 6: Roll or broom out any puddles until the sealer penetrates the substrate.

Step 7: Let the concrete dry for at least six (6) hours before walking, 24 hours before driving, and protect the concrete from rain for at least 24-48 hours after sealing. Wait at least 7 days after applying the Lithi-Tek® 4500 before using a top coat sealer or paint.

Step 8: Clean up: Application tools can be cleaned using soap and water.

Step 9: If over-spray occurs it should be cleaned and removed immediately after sealing.

Step 10: Unused or old material may be disposed of in a waste disposal site in accordance with local, state and federal laws.

APPLICATION NOTES

- Before application test the sealer by applying in an inconspicuous area to ensure the desired coverage and appearance is achieved.
- Do not use on extremely porous concrete or masonry such as hollow concrete block or bricks.
- Do not over apply. Excess material may result in a white residue or discoloration.
- Prevent from getting on glazed and finished surfaces such as glass, aluminum etc. In case of contact flush immediately with water.
- Does not prevent equipment leaks or other leaks such as oil, hydraulic fluid etc. Use in conjunction with the Siloxa-Tek® 8505 or Siloxa-Tek® 8510 for oil repellency and staining resistance.
- Do not use on concrete that has been previously sealed without chemically etching or mechanically scarifying.