

# Technical Data Sheet

## WerkMaster ULTRAdensifil Lithium Densifier

### PRODUCT DESCRIPTION

Designed to be applied to surfaces to make them harder, stronger, less permeable, more durable and water resistant. 2 Steps in 1 – Fills pits and small cracks while densifying concrete at the same time.

### INTENDED USE

Indoor/outdoor use on concrete, terrazzo, travertine, and limestone, in residential, commercial, industrial and institutional settings.

### PRODUCT FEATURES

- Improves surfaces and optimizes shine
- Reduces concrete dusting creating a safer working and living environment
- Residue free – ideal for bonding paint, adhesive and other toppings
- No scrubbing or rinsing needed, fast curing
- Zero VOCs, low odor, CFIA approved\*
- Biodegradable, environmentally friendly

\*Canadian Food Inspection Agency approved for use in hospitals, food preparation/processing areas, schools, restaurants, hotels, and grocery stores

### PHYSICAL PROPERTIES

Designed to be applied to surfaces to make them harder, stronger, less permeable, more durable and water resistant.

Flash Point	NONE
Viscosity	Water-like
Color	Clear
Physical State	Liquid
Type of Solid	Lithium Silicate

### PRECAUTIONS

- Please refer to the Material Safety Data Sheet (MSDS) prior to using.
- For technical assistance, please call 1.866.373.WERK
- DO NOT take internally.
- Use safety eyewear where splashing is possible.
- Wash hands after using and before eating.
- Keep out of reach of children
- Dispose of according to law and local regulations.

### SURFACE PREPARATION

Floor must be clean and free from all sealers. Ensure surface temperature is 40°F (4°C) or higher. Surface must be clean and free of oil. Ensure adequate ventilation for drying.

### APPLICATION

- Always test to determine best practices for job site conditions.
1. Disconnect the vacuum hose from the grinder. Disconnecting the vacuum prior to application helps get dust into the product and create a slurry.
  2. Spray ULTRAdensifil on the floor with a pump up sprayer immediately in the grinder's path. Coat floor up to 5 feet or less in front of the grinder. Saturate the floor, but do not create puddles.
  3. Grind the wet floor with transitional tooling until slurry paste has been achieved. Ensure the grinder reaches treated areas before ULTRAdensifil dries.
  4. Allow floor to dry a minimum of 20 minutes. Wait for all visible dark spots to fully dry.
  5. Remove with transitional tooling and carry on polishing the floor until desired sheen is achieved
- For soft or porous surfaces a second application may be required. DO NOT allow ULTRAdensifil to come into contact with surfaces that are not going to be densified as etching and other issues may result.

### NEXT STEPS

Floor is ready for foot traffic when ULTRAdensifil is dry to touch; protect treated surfaces from traffic for at least one hour. However, even after becoming densified concrete is still a porous substrate.

### CLEAN UP

Clean tools and equipment immediately with water equivalent. Always remove rundown and spills immediately.

### STORAGE AND HANDLING

DO NOT store above 100°F (37°C). DO NOT freeze. To prevent leaks, store closed and upright.

### MAINTENANCE

This is not a sealer. It will not prevent oil and other contaminants from penetrating the surface.

For protection against staining agents use ULTRAGuard

- mop, sweep or vacuum daily.
- Damp mop with ULTRAclean Hi-Lite neutral cleaner.
- Periodically buff using hogs hair or similar pads.

### WARRANTY

WerkMaster Grinders & Sanders Inc. warrants this product to be free from defects. Where permitted by law, WerkMaster makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.