

Canadian  
Food Inspection  
Agency  
**APPROVED**  
CFIA

# ULTRAhard™

Premium formulation to  
harden and dust-proof  
concrete, terrazzo & stone



A densifier is a chemical applied to a concrete, terrazzo or stone surface to make it harder by reacting with the uncured components in the surface. Densifiers make the surface stronger, less permeable, more durable. They also reduce dusting by reacting with components in the surface creating a safer working and living environment. Densifying surfaces is an essential step in the grinding and polishing process. All abraded surfaces should be densified for maximum protection.

**For Use on Residential,  
Commercial & Institutional  
Flooring Projects**

- **Optimizes shine**
- **Creates a hard, wear resistant surface**
- **Spray application**
- **Environmentally friendly, CIFA approved**
- **No scrubbing or rinsing required, apply with microfiber mop**

**WerkMaster achieved a 94  
on the gloss level meter at  
The World of Concrete 2017**



# Section 03 35 00 Architectural Concrete Densifier & Chemical Technical Data Sheet

## PRODUCT DESCRIPTION

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

## 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

1. Spray floor with uniform coverage.
2. Using microfiber applicator spread ULTRAhard Lithium evenly over floor; avoid puddling.
3. Allow floor to dry a minimum of 60 minutes. Continue with polishing and/or other treatments.
4. ULTRAhard Lithium can be scrubbed in, but is not required.

For soft or porous surfaces a second application may be required. DO NOT allow ULTRAhard Lithium 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 ULTRAhard Lithium 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.