

DATA SHEET

ELITE HARD – ULTRA (Lithium)

Carbon Elite Hard-ULTRA is an extremely easy to use Nano-Lithium® densifier specifically designed for concrete polishing and is an integral part of the Carbon EliteFloor System. Applied during the polishing process, this impregnating hardener improves the final appearance by creating a significantly harder surface that allows abrasive tooling to work more effectively and to achieve a superior polish.

Carbon Elite-Hard ULTRA increases gloss and clarity, improves overall abrasion resistance and reduces dusting. Carbon Elite-Hard ULTRA is a simple, one-coat application with no brooming or rinsing required during application. It is easy to apply and will not skin, film, discolour, or leave white blemishes.

This lithium-based solution is VOC compliant.

KEY BENEFITS

- Part of the Carbon EliteFloor System
- Extremely simple application
- Hardens concrete and terrazzo for polishing
- Allows abrasive tooling to work more effectively
- Improves abrasion resistance and reduces dusting
- Preserves the natural look of the surface
- VOC compliant, may contribute to LEED points (IEQ credit)

APPLICATION

BEFORE APPLICATION, ALWAYS DO A SMALL TEST SAMPLE IN A LESS-VISIBLE AREA TO BE SURE THERE ARE NO VARIABLES OR CONTAMINANTS IN THE SUBSTRATE THAT MAY BE INCOMPATIBLE WITH THIS PRODUCT.

Apply only when temperatures will be above 4°C (40°F) for at least 2 hours following application.

Clean surface to remove any dirt, laitance, curing compounds or coatings that may prevent Carbon Elite Hard-ULTRA from penetrating the surface. Do not use citrus or acidic cleaners. If acidic or d-limonene cleaners have been used, neutralize the surface using an alkaline cleaner (TSP, Tide laundry detergent, etc.).

Using a sprayer, apply Carbon Elite Hard ULTRA evenly on the surface. Keep the surface wet with product for at least 20 minutes, adding more product where needed. After material is no longer wet on the surface, continue grinding and polishing to the intended final surface profile and desired finish.

ESTIMATED COVERAGE

7.4-12.3 m² per litre (300-500 ft² per gallon) **Coverage rate will vary with concrete porosity and environmental conditions.*

CLEAN UP

Use soap and water to clean tools and equipment. Although Carbon Elite-Hard ULTRA is non-toxic and environmentally safe, it is alkaline. Use up or dry out extra material and dispose of according to local regulations. Do not pour into sewer systems or storm drains.

MAINTENANCE

On completed surfaces, Clean with Carbon Elite Clean or Carbon Elite Clean ULTRA. If additional protection or gloss is desired, apply Carbon Elite Protect, or Carbon Elite-Guard. Consult a Carbon EliteFloor Representative for further information.

LIMITATIONS

Carbon Elite-Hard ULTRA will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces. Not suitable for asphalt, non-cement surfaces or painted surfaces. Paint and coatings may be applied over the top of Carbon Elite-Hard ULTRA (Check paint manufacturer recommendations).

If Carbon Elite-Hard ULTRA comes into contact with glass, fabric, metal, or painted surfaces, immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Make certain the most current versions of the Carbon Elite-Hard ULTRA Product Data Sheet and SDS are being used. Call Customer Service (+61 (08)62431778) or visit our website (www.carbonelitefloor.com.au) to find additional tips, guidelines, and specifications.

Proper application is the responsibility of the user. Field visits by Carbon Diamond Abrasives Personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN. This product is alkaline. Keep container closed tightly when not in use. Do not drink. If swallowed, do not induce vomiting; drink two glasses of water and call a physician. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. Carbon Elite Hard-ULTRA will dry out and irritate the skin. Clean skin with soap and water promptly.

CAUTION: Surfaces wet with Carbon Elite Hard-ULTRA may be slippery.

Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet

Technical Service

Customer Care:

+61 (08)62431778

Email:

sales@carbondiamondabrasives.com.au

Web:

www.carbondiamondabrasives.com.au

For Chemical/Medical Emergencies:

Immediately contact a doctor, ambulance, or, a Poison Information Centre:

Australia - 13 11 26 (Australia Wide)

Other Products in the EliteFloor System include:

Elite Cut

Elite Fill

Elite Hard (Potassium)

Elite Guard

Elite Protect

Elite Clean

Elite Clean ULTRA