

## DATA SHEET

### ELITE PROTECT

Elite Protect is a professional grade solvent based 100% impregnating sealer developed in conjunction with LITHOFIN AG and specifically designed for mechanically polished concrete surfaces as an integral part of the Carbon EliteFloor System. Elite Protect penetrates into the surface and coats the capillaries with a microfilm resistant to water, oil and grease leaving them on the surface for removal (12-36 hours on polished surfaces dependant of product absorption) The appearance of the polished surface is not affected with application and water absorption is greatly reduced. UV Resistant and easy to apply, Elite Protect is suitable for both internal and external concrete, marble, granite, and various stone surfaces.

#### KEY BENEFITS

- 100% Penetrative
- UV Resistant (Does not yellow)
- Ultra-fast drying time
- Dramatically reduces stain absorption
- Increases life of polished concrete surfaces by simplifying maintenance and cleaning
- Food Grade safe once cured

#### 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.

**Please Note:** *Non-absorbent surfaces cannot be impregnated. Glass, ceramics, wood, and other surfaces sensitive to solvents must be protected against splashes.*

1. Surface must be clean and totally dry prior to application, make sure adequate ventilation and appropriate PPE is in use.
2. Can be applied using microfibre mop or soft brush with either direct pouring or solvent resistant sprayer.
3. Thin even coat over entire surface taking care not to puddle, with excess being removed prior to drying.
4. Repeat step 3 to create 2<sup>nd</sup> coat after first coat is dry.
5. Depending on substrate porosity, 3 coats may be required, if so repeat step 3 as required.
6. Buff surface to remove light excess (residue) once surface is dry and product is completely absorbed (typically approx. 30-45 minutes).
7. Water resistance should develop over the following 4-6 hours.

#### MAINTENANCE

For maintaining polished concrete floors after Elite Protect Application, use Elite Clean and Elite Clean Ultra as per Carbon EliteFloor specifications.

**Advice:** Remove any stain causing materials from impregnated surfaces immediately. The quality of the substrate greatly determines the length of time stains will be prevented from impregnating. Reapplication of Elite Protect on a polished surface is solely dependent on the use, maintenance, and quality of the substrate. On average, Carbon Diamond Abrasives would recommend reapplication every 3-6 years.

### **FURTHER ELITE PROTECT APPLICATIONS**

For invisible protection against staining and for facilitating maintenance of terrazzo, all natural stone surfaces, including polished marble and travertine. Perfect for use on wall and floor surfaces in the kitchen and bathroom, as well as on tabletops and other sensitive stone surfaces.

NOT SUITABLE FOR GLAZED OR NON-POROUS MATERIALS

**Please Note: surfaces will remain sensitive to acid/alkaline.**

### **APPROXIMATE COVERAGE:**

Polished surfaces: 12 to 25m<sup>2</sup>/litre

Rough/honed granite or equivalent surfaces: approx. 5-7m<sup>2</sup>/litre

Porous sandstone or equivalent surfaces: approx. 3-6 m<sup>2</sup>/litre

### **PROPERTIES**

Appearance: colourless

Odour: aromatic

Density: approx. 0.8 g/cm<sup>3</sup>

Flash Point: about 32°C

Reduction of water absorbency: approx. 90-95%

Permeability: approx. 80 to 90%

Shelf Life: 2 Years in unopened, Sealed container in cool, dry area. Open containers should be used without delay.

### **PACKAGING**

5L

200L (On Special Order)

### **LIMITATIONS**

- High Alkaline or High Acidic substances may still etch the surface despite being sealed.
- Use of aggressive cleaning products may deteriorate the life of the sealer and the substrates quality finish
- Elite Protect will not disguise surface imperfections or fill pinholes, cracks or divots

Make certain the most current versions of the Carbon Elite Protect Product Data Sheet and SDS are being used.

Proper application is the responsibility of the user.

### **SAFETY/HEALTH INFORMATION**

KEEP OUT OF REACH OF CHILDREN. USE CORRECT PPE WHEN USING ELITE PROTECT

Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking. Keep away from heat/sparks/open flames/hot surfaces - No smoking.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Active ingredients pose no health concerns once dry (according to tests by LGA Nuremberg). Ensure good ventilation during and after use. Special safety instructions apply when sprayed. Do not use in rooms where food is stored.

Ingredients: naphtha (petroleum) hydrotreated heavy, n-butyl acetate, auxiliary agents.

Label according to EU-Directive 1999/45/EG: Xn, harmful

Risk and Safety Phrases: Flammable. Harmful: may cause lung damage if swallowed.

Do not breathe vapour. Avoid contact with skin.

Recommended to Store Carbon Elite Protect in locked up area.

CAUTION: Surfaces wet with Carbon Elite Protect may be slippery.

### **Precautions**

- Causes skin irritation.
- Causes serious eye irritation
- Do not get in eyes, on skin or on clothing.
- Wear protective gloves/protective clothing/eye protection/face protection.

### **FIRST AID**

Remove contaminated soaked clothing immediately. In case of Inhalation, move victim to open area. In the event of symptoms refer for medical treatment. In case of contact with skin wash off immediately with soap and water. In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion, do not induce vomiting. If swallowed by mistake drink plenty of water and seek medical treatment.

### **Emergency Procedures:**

In case of spill or other release, take up with absorbent material (e.g. sand, sawdust, general-purpose binder). In case of fire formation of dangerous gases possible. Suitable extinguishing material: foam, dry powder, carbon dioxide, sand.

Additional information is listed on the Material Safety Data

### **For Chemical/Medical Emergencies:**

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

**Australia** - 13 11 26 (Australia Wide)

**USA** -American Association of Poison Control Centres - 1-800-222-1222

### **ENVIRONMENTAL PROTECTION**

Contains solvents, free of chlorinated hydrocarbons.

Do not flush down drain.

**Disposal:** liquid product is classified as special waste.

Containers are made of environmentally friendly tin plate. Clean containers can be recycled through collection systems. Dispose of contents and container in accordance with local and national regulations

### **TECHNICAL SERVICE**

**Customer Care:** +61 (08)62431778

**Email:** sales@carbondiamondabrasives.com.au

**Web:** [www.carbondiamondabrasives.com.au](http://www.carbondiamondabrasives.com.au) [www.carbonelitefloor.com.au](http://www.carbonelitefloor.com.au)

Other Products in the EliteFloor System include:

Elite Fill

Elite Hard

Elite Hard ULTRA (Lithium)

Elite Cut

Elite Protect

Elite Clean

Elite Clean ULTRA

Developed in conjunction with LITHOFIN AG. Distributed by Carbon Diamond Abrasives

Please Note: This information should be considered to be informal and nonbinding.

The products must be used according to local conditions and materials. Always test the product in an inconspicuous area.

(AUS/NZ2.13gps/1.13)