

# M.I.S. Eco Duo (water based densifier/sealer)

## GENERAL TYPE

Water Based  
Densifying Sealer

## DESCRIPTION

Clear Liquid, eco friendly,  
non-toxic, no odour

## PACKAGING

20L Cubes

### PURPOSE:

Eco Duo serves the dual purposes of densifying and sealing: what once took two applications can now be accomplished with one.

It penetrates, cures and seals all cementitious applications and protects stone while maintaining the natural appearance.

Eco Duo's new Nano- Lithium Silicate penetrates into the pores of the concrete and bonds with the Calcium Silicate Hydrates already formed from the addition of the water to cement. Eco Duo's 's unique colloidal properties enable it to bond as well to other silica including itself, using this bond as a platform for yet further bonding, leaving the concrete stronger and more impervious to wear and staining.

Eco Duo eliminates dusting and improves abrasion resistance, reducing moisture permeability and protects against damage from oils, grease, water and other substrates on masonry and stone surfaces. The protective barrier it forms on sidewalks and other public spaces allows for easy removal of chewing gum.

Eco Duo also works against;

- Staining
- Mould & Mildew
- Oils
- Water migration
- Animal Excrement
- Concrete Dusting
- Efflorescence
- Algae and Bacteria
- Traffic
- Erosion from water or salt
- Freeze / Thaw issues

Eco Duo can be used to cure and seal new concrete or to penetrate existing concrete, improving the concrete and assisting in crack prevention. Suitable for use on all concrete surfaces Eco Duo will not change the appearance of the surface, retaining the natural nonslip surface yet increasing the surface abrasion resistance.

# *Sealer Solutions*

179 Runciman Rd • Pukekohe East • Auckland • 2677  
Telephone 0274 324 217 • SealerSolutions.co.nz • TheSealerGuy.co.nz (Residential)

## **ECO DUO (water based densifying sealer) 2**

Eco Duo is a proprietary, water-based, environmentally friendly, formulation manufactured in NZ. It is non-toxic, has no odour, and is permanent. Significantly, it is not impacted by NZTA regulations because it does not carry a Dangerous Goods classification. Sealer Solutions are the exclusive suppliers for this product, and provide NZ-wide technical support for both the product and its application.

### **USES:**

A superior solution for strengthening and protecting any concrete structure, new or existing including;

- Decorative or colored concrete
- Polished Concrete
- Foundations
- Bridges / Tunnels
- Masonry / Mortar
- Parking Garages
- Driveways or pavers
- Concrete Bench Tops
- Pre-cast / Tilt slab
- Stone
- Stucco / Terrazzo
- Warehouse Floors

### **NEW CONCRETE:**

Eco Duo can be applied within 48 hours of concrete placement. Apply when the bleed water is gone and concrete set sufficient to walk upon. Can be applied any time after placement. Do not apply in temperatures below 4°C, avoiding rain or freezing for 12 hours.

Apply by low pressure spray, ie garden sprayer. Apply evenly in blanket mist, do not over apply.

### **EXISTING CONCRETE:**

Clean and rinse thoroughly, particularly if an oil or citrus based cleaner has been used. Ensure surface is clean and free of dirt, debris, mildew, oils, grease or other sealers. Eco Duo will not work where another product with an oil base, ie vinyl, asphalt or paint remains so good preparation is essential.

Tight or smooth trowelled surfaces may require acid etching to enable sufficient penetration. Wash out with copious amounts of water to remove acid. Check a small area for penetration before continuing.

Any cracks should be addressed prior to application of Eco Duo.

In cases where Eco Duo cannot penetrate, or is over applied, a white chalky residue may lay on the surface, stiff brooming, hosing or simple time will usually remove this.

Eco Duo can be walked upon as soon as the surface is dry.

### **DETAILS:**

Finish:	Flat, no change to the appearance of the surface
Colour:	Clear
Coverage:	5 – 10m <sup>2</sup> per litre
Applications:	1
Dry Time:	3-5 hours
Shelf life:	2 years unopened
Clean Up:	Warm water and soap (avoid contact with glass/ plastic windows) Wash application materials with water.

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### **ECO DUO (water based densifying sealer) 3**

#### **HEALTH AND SAFETY:**

Avoid contact with skin and eyes.

EPA / OSHA compliant – contains no solvents, no VOCS.

Non hazardous to plants and animals.

#### **FIRST AID:**

Eyes: Flush with water for a minimum of 15 minutes.

Skin: Rinse thoroughly with soap and water.

If swallowed: Give 2 glasses of water to drink and seek medical consultation immediately.

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