



X100



Product Info Sheet

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Page 1 of 1



Green concrete cure & hardener

Description & Uses

A non membrane forming silicate proprietary solution that provides an exceptional cure regime equal to water pond curing. Apply to the concrete surface immediately after initial set.



Features and Benefits

- Hardens surface
- Reduces Dusting
- Reduces Plastic Cracking
- Equal to water pond cure
- After trade friendly
- Easy and safe to apply
- Reduces shrinkage
- Low cost
- Effective cure for shot crete



Application

NOTE: In hot windy climates, mist-wet the surface with water and remove any puddles prior to application.

Apply as soon as possible after concrete's initial set for optimum cure benefit.

1. Use a pump pack garden type sprayer or powered non atomising sprayer and evenly apply.
2. Ensure you do not mark the surface of the concrete with either your

feet or pressure from the spray.

3. Begin applying at the lowest level elevation. For example, walls, ramps and slopes should be applied side to side, from the bottom up.

RATE: Burnished or steel troweled surface apply at a rate of 6.5m² - 8m² per litre. Broom finished or open surfaced finishes apply at a rate of 3.5m² - 6.5m² per litre.

Precautions

Like wet concrete and some high alkali cleaning products, X100 will etch glass and discolour brushed aluminum if not removed before it dries. Mask or clean off with a wet cloth as you go.

After applying at the correct rate, continue to evenly distribute X100 over

the surface (with a soft broom) not allowing puddles to form or remain. If after one hour product has not been completely absorbed and puddles are still present remove with a soft broom, water or blower.

Refer to MSDS at protectcretenz.co.nz

Other important notes

The American Concrete Institute, ACI, defines curing as, "The process by which hydrolic-cement concrete matures and develops hardened properties over time as a result of the continued hydration of the cement in the presence of sufficient water and heat." Water curing is widely regarded as the best curing method available. However, it is often replaced with less effective membrane-forming methods in deference to

the logistical and economic difficulties associated with water ponding. X100 is not a membrane-forming compound, so NZS 3109:1997 does not apply. The goal of curing is to improve the hardened properties of concrete. When applied properly X100 achieves the cure results required under NZS 3109:1997

For more information visit: www.protectcretenz.co.nz



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