

## PEARLATO® DENSIFIER - 200

'It's used for filling pores, curing of uncured minerals of stones & marbles'



### PRODUCT DESCRIPTION :-

Pearlato Densifier - 200 is a single component, slightly hazy colour, liquid non yellowing, environmentally friendly water based and water thinable, blended with active material to strengthen, harden, densify and dust proof of new or existing stones, marbles and concrete floor. It's penetrates in to the surface sealing pores, capillaries, uncures mineral and creating a chemical reaction to produce a hard mineral film that is resistance to UV light, water, chemicals, acides and solvents. It's non toxic, non combustible and suitable for interior and exterior application to reduced dust particles on floor and improve gloss & cleanability.

### ADVANTAGES :-

- |                                       |                                   |   |
|---------------------------------------|-----------------------------------|---|
| 1 - Excellent penetration             | 4 - Reduced porosity              | 7 - Resistance to chemicals, acids & solvents |
| 2 - Improve stain resistance property | 5 - Enhance hardness & durability | 8 - Improved gloss and clarity                |
| 3 - Low viscosity                     | 6 - Reduced maintenance cost      | 9 - Long - lasting life                       |

### PRODUCT SPECIFICATION :-

Appearance	Slightly Hazy
Viscosity @ 25° C	250 - 450 cps
Solid Content	50% - 60%
Curing time @ 25°C	7 - 8 Hrs
Full cure @ 25°C	14 -16 Hrs
Working time @ 25°C for cutting process	24 Hrs after
Shelf life	24 Months from date of manufacturing

### KEY STEPS FOR APPLICATION :-

- 1 - Surface preparation:-** Clean surface thoroughly, removing any oil, grease or debris that hinders penetration, grind the surface to the appropriate grit (e. g. 80 - 200 grit) to open pores for absorption of mineral.
- 2 - Application :-** Use a low pressure pump sprayer or micro fiber applicator for even distribution. Apply generously, ensuring it stays wet for 15 - 30 minutes to allow full chemical reaction. Move the liquid from wet spots to dry areas with a broom or applicator to prevent puddles and ensure uniform coverage.
- 3 - Post - application:-** After dwelling, auto scrub, broom and squeegee the surface to remove excess materials. If crystals form they must be mechanically removed., then proceed with further polishing grit (e.g. 400 - 800 grit etc).

**PACKING :-** 1.0 LTR, 5.0 LTR, 10.0 LTR & 20.0 LTR.

**COVERAGE :-** 25 - 60 SQFT/LITER

Coverage will be depends on the pores and smoothness of substrate surface and method of application. For good coverage, it's vital that all surfaces are smooth plumb, level and free defects and undulation.

### KEY FACTORS AFFECTING COVERAGE :-

- |                                      |                       |
|--------------------------------------|-----------------------|
| 1 - Surface porosity                 | 2 - Desired thickness |
| 3 - Epoxy resin & hardener viscosity | 4 - Waste and Spills  |
| 5 - Multiple coats                   | 6 - Weather condition |

### SHELF LIFE & STORAGE :-

Pearlato Densifier - 200 shelf life is 24 months from date of manufacturing unopened, but this shortens significantly after opening as air exposure causes oxidation and potential yellowing or thickening. Pearlato Densifier - 200 should be stored between @ 25°C - @ 35°C. Container should be stored in clean, dry areas with adequate ventilation. do not store product near source of heat, moisture and direct Sunlight.

