

HERTRON PRIME GRIND DENSIFIER

DESCRIPTION

Prime Grind Densifier (PG Densifier) is based on the latest chemistry for densification of concrete and portland surfaces. It penetrates deeply into concrete surfaces, bonds with the cement components of the slab, and increases its surface density and hardness. It is water based and environmentally friendly.

USES

PG Densifier has two primary methods of application. The first method is designed for application while the concrete slab is still green just after final trowel. The second is designed for use with existing or cured concrete. PG Densifier can also be used over cementitious wear toppings.

PG Densifier can be used in interior or exterior concrete floors.

- Warehouses / Distribution center floors
- Residential garages and floors
- Manufacturing plants
- Medical and Research
- Commercial floors

ADVANTAGES

- Can be applied over new or existing concrete
- Penetrates fast for effective densification
- Fills porosity/capillaries of concrete creating a permanent bond that makes floors and walls harder
- Makes surfaces wear better and last longer
- Will not leave a white cast on floor if over used or not removed
- Reduces dusting

METHOD OF USE

PG Densifier can be applied to concrete of any age. Surface must be clean and structurally sound. Surface also must be clear of membrane forming curing compounds, sealers, oils, dust and other surface contaminants. For best results use a black scrubbing pad with water. If more aggressive surface preparation is needed to remove surface contaminants, 60-100 grit sanding screens can be used. A thorough cleaning is needed after additional scrubbing.

Existing Cured Concrete

- Depending on the surface condition, PG Densifier can typically be applied between 80 grit to 400 grit stages.
- PG Densifier is applied by low pressure sprayer with overlapping circular motion. It is spread evenly on the surface using a pad applicator fitted with Microfiber pad. Surface must stay wet for 15 minutes to allow for maximum penetration. As the PG Densifier is absorbed into the surface, apply additional product as needed until floor starts to reject it. Spread with mop to avoid puddles. Once the surface is dry, it is ready for polishing.

New Concrete (Green)

- For newly placed concrete, PG Densifier can be applied after its final trowel while the slab is still green. Surface must be clean and free of all materials such as curing compounds, bond breakers, form release oils or construction dust and debris, etc..

PG Densifier is applied by low pressure sprayer with overlapping circular motion. Surface must stay wet for 15 minutes to allow for maximum penetration. As the PG Densifier is absorbed into the surface, apply additional product as needed so as to keep the surface wet.

CLEAN-UP

Clean tools and equipment with water immediately after use. Residue from application and clean-up is non-toxic. Protect metals, glass, wood, paint or brick from contact with PG Densifier.

CONSUMPTION

1 L of PG Densifier can covers 10 to 14 m².

PACKING

20L Can and 208L Drum

SHELF LIFE

PG Densifier has a shelf life of 12 months in tightly closed original packing when stored in a dry place under shade.

PRODUCT SPECIFICATIONS

Application:	Spray and Microfiber Pad
Appearance:	Clear Tinted Liquid
Solvent:	Water-based
pH:	Approx. 9.5
Drying Time:	20 min to 1 hour
VOC:	Compliant (1g/L)

PRECAUTIONS

Before use or handling this material, read the Material Safety Data Sheet.

This product may cause moderate to severe irritation and possible tissue damage to eyes depending on exposure. Nausea, vomiting and diarrhea may occur upon ingestion. Prolonged skin contact may cause severe irritation, defatting and dermatitis.

It is recommended that protective gloves and safety glasses to be worn when using this product. Make sure there is adequate ventilation.

FIRST AID

Inhalation – Move to fresh air, Consult physician if symptoms persist.

Skin – Remove contaminated clothing and wash with plenty of soap and water.

Eyes – Flush eyes immediately with large amounts of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

Ingestion – Give large quantities of water then several glasses of milk. Get medical attention immediately. Do not induce vomiting.

Hertron Asia Pte Ltd

69 Sungei Kadut Drive #03-A Singapore 729568

Tel: +65 6269 5575 Fax: +65 6269 5595 Email: info@asiamortar.com Website: www.hertroninternational.com

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