



## R-SEAL DUSTPROOFER

### DESCRIPTION

R-SEAL DUSTPROOFER is a colourless, water soluble silicate-based compound to seal, harden, and dustproof new and old concrete surfaces. It reacts with free lime and other ingredients in the concrete to form an insoluble crystal within the pores of concrete.

### USES

R-SEAL DUSTPROOFER is recommended for interior and exterior use on vertical or horizontal surfaces. It can be used for the following applications:

- Curing of fresh concrete
- Sealing and dust-proofing of concrete floor and pavement
- Renovation of old concrete
- Industrial, commercial and residential floors
- Garage and basement floors

### ADVANTAGES

- Minimize shrinkage cracking when apply on fresh concrete to aid curing
- Harden and dustproof in one easy application
- Improve abrasion resistance of concrete
- Withstand light to medium traffic
- Water-based, environmentally friendly

### APPLICATION

#### Surface Preparation

##### • New Concrete

Surface preparation is not required for freshly finished concrete when R-SEAL DUSTPROOFER is used as a curing compound. However, in areas where the formwork have been recently removed, all form oil or any other compound must be removed. New concrete must be cured for 14 days prior to applying R-SEAL DUSTPROOFER.

##### • Old Concrete

The surface to be applied should be free from dirt, dust, oil, grease or other contaminants. Any loose material must be removed either by vacuuming or pressure washing. Any curing compound or coating must be removed before R-SEAL DUSTPROOFER is applied.

Protect glass, metal, brick, wood and painted surface from contact with R-SEAL DUSTPROOFER. If accidentally sprayed or applied on, immediately wash off with clean water to prevent staining and/ or etching of the surface.

#### Placing

For curing of New Concrete, apply R-SEAL DUSTPROOFER by spraying with a low pressure sprayer after all the surface water has evaporated and the surface can bear foot traffic.

For both New and Old concrete (after curing), saturate the entire surface for about 30 minutes by spraying R-SEAL DUSTPROOFER or broom sweeping away the excess material from low spots to wet the dry spots. Prevent R-SEAL DUSTPROOFER from drying out on the surface to ensure full penetration.

After about 30 to 40 minutes, when most of the R-SEAL DUSTPROOFER has been absorbed, use broom or squeegee to remove any excess material from the low spots.

Also, when white crystal begins to form on the concrete surface, it signifies too strong a mix or the surfaces reaching maximum hardness.

Flush the surface with clean water and sweep with stiff bristled broom and allow to dry. Failure to remove any excess material from the floor surface may result in unsightly white stains.

**Note: R-SEAL DUSTPROOFER must not apply on wet surface**

## CONSUMPTION

1 Litre of R-SEAL DUSTPROOFER can cover about 5m<sup>2</sup>. However, the coverage may vary with application method, surface conditions and porosity.

## PACKING

R-SEAL DUSTPROOFER comes in 20 litres container or 208 Litres drum.

## SHELF LIFE

If stored in a cool and dry place, the shelf life of R-SEAL DUSTPROOFER is approximately 12 months in unopened containers.

## TYPICAL PROPERTIES

- Specific Gravity – 1.3 g/ml
- Flash Point – N. A. (water-based)
- Chloride Content – Chloride-Free
- Moisture Retention
- Approx. 30% improvement
- Compressive Strength
- Approx. 20% improvement over untreated surface
- Abrasion Resistance
- Approx. 20% improvement over untreated surface

## HANDLING

R-SEAL DUSTPROOFER is non-hazardous. Wear eye protection, protective clothing and gloves while working. Remove splashes from skin with water and in case of eye contact, wash copiously with water. If irritation persists, seek immediate medical attention.

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