



Dr. S. Bond
CONST-CHEMICALS

(AN ISO 9001-2008 CERTIFIED COMPANY)

DR.S.BOND

Liquid Floor Hardener

Liquid Floor Hardener

Description DR.S.BOND liquid floor Hardner is a one-component liquid sodium silicate surface hardener.DR.S.BOND liquid floor Hardner is odourless, colourless, biodegradable, VOC compliant and reacts chemically to produce a hard, dust-free finish.

Where to Use Use on any horizontal old or new concrete surface, interior or exterior where a hard, light to moderate abrasion resistant surface is required:

- Educational and medical facilities.
- Warehouses and industrial plants.
- Food-processing plants.
- Stores and shopping malls.
- Parking structures.
- Gas stations.
- Offices and multi-residential buildings.

Advantages

- Ready to use.
- Easy to apply.
- Non-yellowing.
- Good penetration.
- Colourless and odourless.
- Improved chemical and abrasion resistance.
- Reduced dusting on lower quality concrete floors.
- Complies with today's environmental, health and safety regulations.
- Canadian Food Inspection Agency acceptance.

Technical Data

Packaging 20 L pail and 200 L drum (5.3 and 53 US gal.)
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Colour :- White

Yield 4 - 6 m²/L (163 - 244 ft²/US gal.) depending on porosity of substrate

Shelf Life 2 years in original, unopened container. Store between 5 and 32°C (41 and 89°F). Protect from freezing. If frozen, discard.

Drying time 4 - 6 hrs from removal of excessive residue at 23°C (73°F)

Application Temperature 5 at 35 °C (41 at 95°F)

Properties at 23°C (73°F) and 50% R.H.

pH 11.7

Density 1.2 kg/L (0.70 lb/US gal.)

Water Vapour Transmission ASTM E 96

Not a vapour barrier

Abrasion (Taber Abrader,

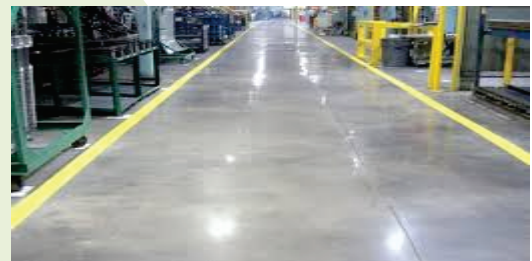
Wheel H-22/1000 g/500 cycles) 35% increase in abrasion resistance

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

How to Use

SurfacePreparation

The concrete surface must be clean and sound. Remove any dust, laitance, grease, oil, dirt, curing agents, impregnations, wax, foreign matters, coatings and disintegrated material from surface



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