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Concrete Binder & Hardener

Harden and dust-proof porous concrete

DESCRIPTION AND USES

Concrete Binder & Hardener is a colorless liquid resin that penetrates into concrete or other porous materials to provide a dust-free hardened surface. It strengthens weak, dusty or poor quality concrete. It is easily applied to new or old concrete surfaces using a soft broom. For non-porous surfaces, we recommend Concrete Sealer Water-Based. Concrete Binder & Hardener can be applied to both interior and exterior concrete surface. It is ideal for most industrial floors including warehouses, machine shops and more. It is also ideal for treating a variety of other porous surfaces.

PRODUCTS

B210003 - 1.3 gallon
B210004 - 6.5 gallon

PACKAGING

1.3 and 6.5 gallon plastic containers

APPEARANCE

Clear finish

SURFACE PREPARATION

The surface to be treated must be dry and free from all loose material and previous coatings. Oil or grease should be removed with Concroff™ or a similar emulsifying degreasant and the area hosed off with water and allowed to dry. The surface must be porous to allow the Concrete Binder and Hardener to penetrate. If there is doubt that the substrate is absorbent, pour some water onto the surface. If the water is easily absorbed, the surface is suitable for treating with Concrete Binder and Hardener. New concrete should not be treated until the surface is sufficiently dry to absorb the solution (usually at least 7 days in good drying conditions).

COVERAGE

The coverage rate will vary depending upon the porosity of the concrete. For the purpose of estimating coverage, assume 1600 sq. ft. per 6.5 gallons.

CURING TIME

Concrete Binder and Hardener will accept foot traffic and light vehicle traffic after 12 hours, and will be fully cured after 24 hours. Do not wash the treated surface for 48 hours. These curing times assume a temperature of 60-70°F and good ventilation. Temperatures below 60°F will prolong the curing time.

APPLICATION

Apply within a range of 40-85°F. Do not use at temperatures below 40°F. Pour directly onto the floor from the container. Use a soft broom or brush to distribute the solution, working it well into the surface. Ensure that the surface has absorbed as much solution as it can. Avoid ponding, do not allow any unabsorbed surplus to remain and subsequently dry on the surface. Use the broom to sweep any excess solution onto adjacent areas. One coat is normally sufficient on average quality concrete. A second coat may be required on exceptionally porous substrates. Allow the surface 12-16 hours to dry before making a second application.

PHYSICAL PROPERTIES	
VOLATILE ORGANIC COMPOUNDS	<50 g/l
PRACTICAL COVERAGE	Approximately 325 sq. ft. per 1.3 gallons
CURING TIME	Accepts light foot and vehicle traffic after 12 hours at 60-70°F, full cure occurs after 24 hours
STORAGE	Store at a temperature in excess of 50°F, do not allow the product to freeze
SHELF LIFE	2 years
FLASHPOINT	>200°F(94°C)
WARNING	FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION