



PACTO^{Top} CFH

Concrete Floor hardening and dustproofing liquid

DESCRIPTION

PACTO^{Top} CFH is a ready to use color less liquid hardener for application to concrete. It hardens and dustproofs the surface. It penetrates into the concrete substrate resulting in a chemical reaction with cement hydrate components providing a dense surface.

TYPICAL USES

Hardening and dustproofing concrete floors or cement-based wearing screeds and pavings in:

- Factories
- Car parks and Garages
- Industrial units
- Hospitals, commercial floors, shopping centres.
- Granolithic paving
- Workshops & Warehouses,

ADVANTAGES

- Permanent treatment.
 - New or old floors can be treated.
 - Simple and easy to use.
 - Does not delaminate
- Ready to use single component, used straight from the container.
- Economical
 - Excellent penetration into the concrete surface
 - Hard, dust free finish with minimal film formation
 - Impermeability of the concrete surface is enhanced
 - Acid/chemical resistance of the concrete surface is improved

ACTION

By combining with the free lime produced during hydration of the cement, **PACTO^{Top} CFH** forms hard insoluble crystals thus binding the particles together and sealing the surface to form a hard non-dusting surface.

PROPERTY	TEST METHOD	VALUE
Component		Single
Form		Liquid
Colour		Clear to opaque
Specific Gravity	ASTM D1475	1.10 +/- 0.02
Impact Test	ASTM C 805 15	20% increase over untreated surface
Bond strength	ASTM D4541	> 2.5 N/mm ² at 7 days
UV & Water Exposure		No adverse effects
Hardening Test	ASTM C39 40	42 % increase in compressive strength at 7 days over untreated surface

APPLICATION

SURFACE PREPARATION

Concrete surfaces should be clean and free from all traces of oil, grease, curing compound, loosely adhering materials, etc. Surfaces which are cleaned will ensure deeper impregnation. Newly placed concrete should be at least 14 days old and should have achieved its design strength with no further shrinkage cracks appearing on the surface.

MIXING

Material should be stirred well before application. No special mixing is required.

APPLICATION

Ensure the surface is completely dry. Spray **PACTO^{Top} CFH** over the surface with knapsack spray, watering can or by soft brush. Generally two coats are sufficient. However, third coat may be required for porous concrete. Allow 24 hours between applications of each coat. After final treatment the surface should be washed down with water to remove excess material on surface

TECHNICAL DATA (TYPICAL PROPERTIES at 25°C)



COVERAGE

Coverage depends on porosity of substrate and texture of concrete floors and cement pavings. Approximately, 6 m²/ltr/coat

EQUIPMENT CLEANING

All equipment should be washed in clean water immediately after use.

Other precautions

Take care to protect glass, paintwork, brickwork, furnishings, etc., from splashes. Do not use **PACTOTop CFH** on colored concrete, brickwork or masonry.

Note: **PACTOTop CFH** will not work on weak, friable or dusting concrete.

PACKAGING AND YIELD

PACTOTop CFH is available in 20 & 200 litre containers.

STORAGE

Store under cover out of direct sunlight and protect from extremes of temperature. Failure to comply with recommended storage conditions may result in premature deterioration of the product or packaging.



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