

CONCRETECH

DenseCure HD Penetrating Silica Concrete Densifier

PRODUCT DESCRIPTION

Concretech DenseCure HD is a suspension of amorphous, nonpourous silica particles and other additives in a liquid phase. When applied to concrete, DenseCure HD penetrates deep into the concrete and attacks Calcium Hydroxide (free lime). The material reacts with the free lime to create Calcium Silicate Hydrate. The result is a harder, denser concrete structure.

USES

Concretech DenseCure HD is ideal as a surface treatment for slabs on grade to reduce dusting and to increase the service life of concrete. It can be applied to concrete of any age. When applied to freshly placed and finished concrete, DenseCure HD provides curing assistance to help achieve design properties.

PACKAGING

20 Litre (5 gallon) and 205 Litre (55 gallon) units

BENEFITS

- Easy to apply
- Low cost benefit to increase service life and performance of concrete
- Reduces water vapour transmission
- Non Hazardous
- Reduces dusting
- Improves surface abrasion
- Increases compressive strength
- Reduces carbonation and efflorescence

LIMITATIONS

Concretech DenseCure HD is a water based product, DO NOT FREEZE.

INSTALLATION INSTRUCTIONS

Surface Preparation – Area must be sound and free of all contaminants. Remove any loose material, curing compounds, sealers and coatings. Clean area of dust, dirt or other foreign materials.

Application – DenseCure HD can be applied by low pressure sprayer or roller.

PROPERTIES

Color	Clear, odourless liquid
Coverage	Apply at 250 sqft per gallon
Drying time	2 hours at 22 C (72 F)
Shelf Life	Approximately 1 year when stored properly
Viscosity, Brookfield	50 RPM
	#3 spindle – 190 cps
Pounds per gallon	8.17

SAFETY PRECAUTIONS

Refer to MSDS for proper handling and storage instructions.

TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

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