

CHUPOL R801

Concrete Surface Smoothing Agent

Description

CHUPOL R801 is a concrete surface smoothing agent and used by mixing with concrete release agent. Surface voids in concrete can be reduced by using concrete release agent containing CHUPOL R801. CHUPOL R801 contributes to improvement of concrete appearance and reduction of repairing cost. Moreover, CHUPOL R801 can also improve detachability of concrete from molds and reduce the time and effort of cleaning molds.

Advantages

CHUPOL R801 provides the following benefits :

- Improves concrete appearance by reducing surface voids in concrete
 - Reduces repairing cost by smoothing concrete surface
 - Improves detachability of concrete from molds
 - Reduces the time and effort of cleaning molds by reducing the adhesion of concrete
 - Dissolves in concrete release agent such as mineral oil
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Dosage

A recommended dosage range of CHUPOL R801 is between 1% and 10% by weight of concrete release agent such as mineral oil. The dosage rate will vary according to kind of concrete release agent, molds materials and ambient conditions.

Characteristic

- Appearance : Brownish liquid
 - Water content : 0 to 1.0 %
 - Density (20°C) : Approx. 0.92 g/cm³
 - Chloride content : Nil
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Performance Data

Reference : Mineral Oil

Sample : Mixture of Mineral Oil and CHUPOL R801 (Mineral Oil / CHUPOL R801 = 94 / 6)

W/C	Unit weight (kg/m ³)			
	Water	Cement (OPC)	Fine Agg.	Course Agg.
0.50	160	320	889	929

(Target Slump 18cm, Target Air Content 4.5%, Concrete Temp. 20 °C)



Reference

Sample

These pictures show surface of concrete specimens applying each concrete release agent.

Storage

CHUPOL R801 should be stored in the range of 15°C to 40°C. There's a possibility that CHUPOL R801 freezes under 15°C. Although freezing does not degrade the performance of CHUPOL R801, precautions should be taken to protect CHUPOL R801 from freezing. If CHUPOL R801 freezes, please thaw by storing in storage at 20°C to 60°C. Do not heat directly with fire for thawing. After thawing, take out from storage as soon as possible and mix thoroughly with mechanical agitation.

Shelf Life

Shelf life of CHUPOL R801 is 18 months if stored properly in original unopened packaging. Please contact TAKEMOTO regarding suitability for use if shelf life of CHUPOL R801 has been exceeded.

Packaging

CHUPOL R801 is supplied in 180kg drums.

Related Documents

Safety Data Sheet

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