

PRODUCT DESCRIPTION

Lightcems Whitecoat is a white ingrained fiber reinforced dry mortar. The mortar has water repellent and a diffusion open material. The product contains Portland cement, sand up to 0,5mm, PP-fibers and plasticizing and sealing additives. Whitecoat does not contain brominated flame retardant materials. Whitecoat is a white-engrained product.

APPLICATIONS

Whitecoat is a specially developed, surface protective concrete which is used in places where one needs a strong and easily washable surface. Whitecoat effectively prevents intrusion of grease, oil and dust. The product can withstand frost and defrost fluctuations. One of the primary uses of Whitecoat is in tunnel linings, brightening the tunnel and giving a safe optical effect for the road users.

INSTRUCTION

SUBSTRATE PREPARATION

As with all applications it is essential to apply to a clean, sound surface free from grease, oil, dust and loose material. Due to Whitecoat's cement base, alkali sensitive primers and paint should be removed prior to application of Whitecoat, if the paint cannot be removed, a sealing coat should be applied (See Lightcem for advice). All loose rust or paint should be removed prior to Whitecoat application. Concrete substrates must be adequately prepared, all surfaces containing grease or oil should be cleaned with detergent and care taken to ensure the oil/grease is removed and not spread around. Warm surfaces should be carefully damped to prevent a too rapid hardening. If one is unsure of the type of surface, a test of the product is advised.

METHOD OF APPLICATION

Whitecoat must be mixed with potable water by mechanical means, such as forced action mixers (Cretangle), or slow speed drill paddle mixers for about 5 – 10 minutes. Approximately 5 – 8 liters of water is added per 25 kg of Whitecoat, depending on the preferred consistency.

Add the majority of the water to the mixer prior to adding the Whitecoat, add the remaining water during mixing. Never mix more material than you can use during a 30 minute period. Whitecoat is sprayed using suitable equipment. Pumps such as a putsmeister P11 Vario Varm Pump, or a Lancy Pump PH9 are adequate for this type of spray application. Spraying / application should take place directly after mixing.

FINISHING

Should take place at temperatures over +5 ° C, and never under +2 °C the first 48 hours after application.

HSE

For health, safety and environmental information, View/download the HSE-document from www.lightcem.co.uk.

ATTENTION

The information given within this Product Data sheet is based NOT ONLY on work carried out in our own laboratories, but also on practical experience obtained during field work. It is offered without guarantee and no patent is assumed.

Technical Specifications

WHITECOAT	
Color	White
Compressive Strength	20 Mpa
Specific Gravity	1,70 - 1,90 kg/dm ³
Consumption	Ca. 1,4 kg/m ² pr. mm.
Air content	4 - 8%
Packing	25 kg bags + big bag
Storage	Store bags unopened in dry environment off the ground
Shelf Life	12 months if stored as instructed

