

TECHNICAL DATA FOR BS WAHREN CF

Laminating & Dust Proofing Coating System for Concrete Floor

Description of BS Wahren CF

BS Wahren CF is a transparent, single component, solvent borne, ready to use coating for the concrete floor.

It comes as a combination of Primer Coat and Top Coat. It's to be used on a fully cured concrete floor with moisture level less than 5%.

Advantages of BS Wahren CF

- 1) It is based on high performance acrylic polymer molecules designed to protect the treated surface from wear & tear.
- 2) It cuts off the dust that is released from the concrete floor slab and make the surroundings dirty.
- 3) Provides a sheen to the floor surface that gives a clean look effect and also enhances the lighting quality of the space.
- 4) Makes the treated concrete floor easy to clean without effecting the natural look.
- 5) Reduces tyre marks of trolleys.
- 6) Mild acid & alkali resistance.
- 7) Good stain resistance.
- 8) Average service life 3-5 years depending on traffic exposure.
- 9) For re-coating only Top Coat needs to be applied after cleaning & light sanding of the worn out surface.

Uses of BS Wahren CF

- 1) For renewing old concrete floors
- 2) For newly casted concrete floors
- 3) For Outdoor and Indoor use
- 4) Suitable for Garages, Warehouse, Factories & Commercial spaces

Properties of BS Wahren CF System

Appearance	Colourless Transparent Liquid Sealer
Specific Gravity	0.85 ± 1 Kg/l
Solid Contents	24.030%
Viscosity B4 Cup @30C	26 ± 1 sec
Acid Value	8 ± 1 DIN EN
Durability	2 Year
pH Value	8 ± 1 as per DIN EN ISO 2114
Finish	Cured Finish Smooth with Sheen

*Above results are for a typical sample. We strongly advise to carry out site trials before application.

Guidelines for use

- 1) Always apply in a well-ventilated area & use protection eye-wear & rubber gloves when applying.
- 2) Can be applied within 7 days of casting a new concrete floor.
- 3) Protect surrounding metal/aluminum/other masonry surface with plastic sheets.
- 4) Do not apply near fire or ignition prone areas.
- 5) Apply first coat by brush to work in the Primer Coat into concrete micro pores. Apply second coat of Top Coat by brush and roller for evenly spreading of material.
- 6) If old floor, clean the surface with suitable cleaner or diluted acid to remove any traces of unwanted material in surface.

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- 7) If there is oil in floor, it must be removed by suitable methods.
- 8) If fresh repairs on concrete floor have been done ensure they are fully cured before application of BS Wahren CF system.
- 9) Foot Traffic can start on treated surface after 6 hours and trolleys with PU/ Rubber tyres can start after 72 hours.
- 10) Not recommended for metal rims traffic.
- 11) When doing exterior application, do not apply in high sun conditions. Apply early morning or late evening.
- 12) Clean all tools and spilled material with solvent based cleaners like Xylene or Thinner.



Storage & Disposal

- 1) Like all flammable material, use shaded storage with ambient temperature not exceeding 50° C.
- 2) Do not reuse empty containers.
- 3) Follow local guidelines and legal measures to dispose-off left over material.
- 4) Do not dispose-off in open ground. Stray animals may be harmfully affected.
- 5) Dispose the left over material by pouring it over terraces/ unused areas having hard surface where it dries off to an inert state.

Consumption of BS Wahren CF on Smooth Concrete

Property	Area	Primer Coat	Top Coat
Coverage	1 Sq m	165 gm	135 gm

*Consumption depends on Porosity of surface.

Packaging Available

18 Kg Smart-Pour Metal Can.