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TUFCOTE CEMENTITIOUS CLEAR GLOSS

TDS49-0650

DESCRIPTION	Clear coating for Concrete Precast, Block and Plaster.
TYPICAL USES	A clear coating system over honed exterior concrete Block, precast columns, precast slab construction incorporating; sealing the surface with TRUEPREP SILANE PRIMER that is then finished with TUFFCOTE CEMENTITIOUS CLEAR to provide a transparent durable clear finish.
ENVIRONMENT	Interior or Exterior
PERFORMANCE	Provides a highly durable, water resistant, UV stable clear coating over correctly prepared surface.
LIMITATIONS	Should not be applied if temperatures are below 10ºC or above 35ºC. Maximum Relative Humidity 80%. • Dry time may be impeded if the relative humidity is high. • Not suitable for surfaces subject to foot or vehicle traffic. • Apply only to dry substrates and under good drying conditions, in order to achieve best transparency. Damp or not fully cured substrates can lead to defects in subsequent coats, such as blistering or cracks. • Harmful weathering influences are, for instance, frost, rainfall or condensate, as well as forced drying by intense, direct solar radiation. • A substrate which has already been treated will repeal any reapplied aqueous silane emulsion solution. • Non-absorbent substrates such as window frames, window sills, plastic fittings, window glass, etc., should be covered before application
TECHNICAL DATA	Resin: Acrylic Dispersion Solvent: Water Appearance: Clear Colour: Clear Primer: See over. Durability: Excellent Thining and Clean Up: Water Pack Size: 10L VOC: <65g/l Vol Solids: 42 percent Touch Dry: 30 minutes @20°C Recoat Time: 1 Hour @20°C Max Recoat Time: 5 days @20°C RH 50% Number of Coats: 2 to 3 Theoretical Coverage: 8 m²/litre/coat Wet Film Thickness: 120 microns Dry Film Thickness: 50 microns
AVAILABLE FINISHES @60°C	**Sheen** Gloss 70%
SPREAD RATE	First Coat: 8 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	49-0650.10

	Substrate	Primer / Undercoat	Technical Data Sheet
PRIMERS AND UNDERCOATS	Cementitious	TRUEPREP SILANE PRIMER	See TDSA91002CTL

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SURFACE PREPARATION

Cementitious-New Unpainted
It is strongly recommended that plaster and concrete is left to age for at least 28 days before coating to allow the concrete to fully cure before application. It is recommended that a moisture test on the concrete is carried out at this stage prior to painting. Refer to PS-C004 The Moisture Content of Concrete.

All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEANER following instructions, power wash (min 3500 psi) to remove residue and any loose material. Refer PS-C006 Making Concrete Clean and Dry.

All surfaces need to be inspected once degreased and power washed to fully establish the condition of existing substrate (and remaining coating) prior to finally specifying the degree and type of preparation work. Any recommendations made prior to this are guides only.

The substrate needs to be profiled to an open uniform surface suitable for priming, and consideration given as to the most appropriate method of preparation that maintains the substrates integrity.

The method of preparation work (Grinding, media/soda blast, or UHP blasting, acid etching, sanding or other) must be discussed and documented separately. Generally, a full grind to remove existing contamination and profile the surface as above is recommended.

Repair work (surface and crack repair, expansion joints, rebar rust leaching) must be discussed and documented separately. Do not expect paint to successfully bridge gaps and cracks. Refer to PS-C005 Repair of Concrete Defects.

MIXING INSTRUCTIONS

Stir thoroughly before use.

APPLICATION

Roller application is recommended for Honed and block surfaces.

SPRAY
Maximum thinning 5% with Cotec spray thinners for spraying. It is critical product is worked into capillaries, so roller application is recommended. If spraying back roll to ensure product is worked in to the surface.

BRUSH/ROLLER
Wooster pro-dooz 10-13mm

PRECAUTIONS
This product should only be used by a trained applicator or after consultation with Cotec Technical.

CLEAN UP
Water

APPLICATION NOTES

Do not proceed applying this product without a full Cotec Specification.

THINNING

Cotec Retarder for brushing in hot dry conditions.

ENVIRONMENTAL

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET

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