UNISEAL GLOSS LO

TDS96-741URO

DESCRIPTION	UNISEAL GLOSS LO has been developed as a sealer for concrete and masonry surfaces. UNISEAL GLOSS LO is also used as the sealer component for refurbishing Hardies Super 6 type asbestos roofing.
TYPICAL USES	Concrete surfaces, bricks and concrete tiles. Available in clear.
ENVIRONMENT	Interior/ Exterior
PERFORMANCE	Designed to stabilise loose, friable surfaces on concrete and masonry. A weatherproof coating for block work and concrete, where increased weather proofing is required.
LIMITATIONS	Not suitable in extremely aggressive or immersion conditions. Low solvent resistance. Do not apply if surface is damp or the temperature during application and drying is likely to fall below 10oC. Not suitable as flooring medium.
TECHNICAL DATA	Resin: Acrylic solution polymer Solvent: Mineral Turps/White Spirits Appearance: Clear Colour: Clear Durability: Good Thining and Clean Up: Mineral Turpentine Pack Size: 4, 20L Vol Solids: 25 percent Touch Dry: 15 minutes @20°C Recoat Time: 1 Hour @20°C Number of Coats: 2 Theoretical Coverage: 6 m²/litre/coat Wet Film Thickness: 80 microns Dry Film Thickness: 20 microns
SPREAD RATE	Standard Application: 6 - m²/litre/coat Phorous substrates: 4 - m²/litre/coat Less Phorus Substrates: 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	96-741URO
SURFACE PREPARATION	**Cementitious-Aged Unpainted Good** All surfaces need to be inspected once cleaned and power washed to fully establish the condition of existing surface prior to finally specifying the degree and type of preparation work. It is not possible to do this while the pool is full, and any recommendations made prior to this are guides only. It is strongly recommended that plaster and concrete repair work 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 INFORMATION SHEET: PS-C004 The Moisture Content of Concrete MAR 20 Moss and Algae: Any algae growth on surfaces must be killed off. The pool will need to be emptied and then treated with TRUEPREP GREEN-KILL following the manufacturer's instructions. This could take multiple applications. Failure to do this and completely kill the roots of the algae that will have grown into the substrate could lead to paint failure and re growth in those areas. All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEAN following instructions, power wash (min 3500 psi) to remove residue and any loose material. 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. Surface preparation: The method of preparation work (Diamond Grinding, media/soda blast (sweep blasted with fine grit), UHP blasting, or other) must be discussed and documented separately, to ensure the correct surface profile is achieved before painting. 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 INFORMATION SHEET: PS-C005 Repair of Concrete Defects Mar 20

cotec

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

Thoroughly mix UNISEAL GLOSS LO before starting job to get a uniform colour, if tinted. Remix from time to time during application as some settlement may occur.

APPLICATION

Brush, Roller or Spray.

SPRAY
Recommend an airless unit. Pressure 2,500psi max and a tip 515-619. Add up to 5% white spirits, if necessary. Best method where a uniform colour is required. Requires two coats to get uniform coverage and depth of colour

BRUSH/ROLLER
Spread out thoroughly and uniformly. Note an uneven application may produce a patchy appearance.

CLEAN UP
Clean up in Mineral Turps.

APPLICATION NOTES

Thoroughly mix UNISEAL GLOSS LO before starting job to get a uniform colour, if tinted. Remix from time to time during application as some settlement may occur.

THINNING

Maximum 5% with Mineral Turps.

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

COATING TECHNOLOGIES LIMITED
10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 www.cotec.co.nz

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.