

LEGACY FORMFLEX

TDS01-100

DESCRIPTION	FORMFLEX provides a highly durable self-crosslinking Elastomeric Membrane for superior longevity and durability. As an Asbestos Encapsulation Membrane its high solids, allows the encapsulation of friable Asbestos Containing Material (ACM) such as roofing, fireproofing and insulation material. FORMFLEX is a practical alternative to removal of the health hazards associated with exposure to asbestos fibres. Developed particularly for use in asbestos encapsulation, concrete repair, and protection systems. It is suited to critical situations where inherent high elasticity and excellent crack-bridging properties providing a positive insurance preserving weather tightness against ongoing substrate cracking problems.
TYPICAL USES	Provides a complete system that provides penetration and crack-bridging encapsulation for ACM. Also used as a membrane where full recoat-ability and ease of maintenance and repair is required. Can be applied to a smooth or textured finish with suitable equipment.
ENVIRONMENT	Exterior
PERFORMANCE	Excellent tensile strength, true stretch, and recovery for permanent crack bridging without wrinkling or rupture. Total and permanent resistance to wind driven rain. Water vapour permeable, provides excellent ultraviolet and weather durability. In film biocidal protection to restrict degradative mould and fungus growth. Has a "B" value minimum of 6, which allows for a new crack to form of width up to 6 times the dry film thickness of the coating without rupture of the coating itself - or up to 1.5mm wide at specified dry film build. Elongation @20°C 300%. Minimum dry film build 250µm B Value 6 Progressive bridging 1.5mm @ 250µm Tensile Strength 0.3 MPa Water Vapour Permeability : Equivalent Air Layer Sd <0.5 metres (max. 2 metres required) Carbon Dioxide Diffusion Equivalent Air Layer Sd >350 metres (min. 50 metres required)
LIMITATIONS	Do not apply if the air and surface temperature during application and drying is likely to fall below 10oC. Drying time will be impeded when humidity is over 80% Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. Carefully clean up with a wet mop or HEPA vacuum. Prior to application it is important to determine if the existing asbestos matrix is well adhered to the substrate. Correct any surface defects and clean all surfaces thoroughly. Be careful not to agitate asbestos fibres during preparation; this could increase asbestos exposure. Stir thoroughly to achieve a uniform consistency
TECHNICAL DATA	Resin: Acrylic Product Type: Encapsulation Membrane Solvent: Water Appearance: White Colour: All Colours Primer: See over. Durability: Excellent Thining and Clean Up: Water Pack Size: 10, 20l (MTO) Tensile Strength (PSI): 0.3 (MPa) Vol Solids: 50 percent Touch Dry: 90 minutes @20°C Recoat Time: 4-6 Hours @20°C RH<70% Number of Coats: 2 to 3 Theoretical Coverage: 4 m²/litre/coat Wet Film Thickness: 250 microns Dry Film Thickness: 125 microns
AVAILABLE FINISHES	Sheen @60°C Satin 25%

SPREAD RATE	First Coat: 4 - m ² /litre/coat Second Coat: 4 - m ² /litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	01-100.15 01-100.20
SURFACE PREPARATION	Asbestos-Aged Unpainted Good Spray with TRUEPREP GREEN KILL, leave until all growth is dead. Scrub the surface with bristle broom and water catching the fibres by filtering the down pipe run off. Allow to dry completely. All surfaces must be clean, dry and free from oil, grease, dirt and unsound paint, mould or other contamination. Treat with TRUEPREP SURFCE CLEAN following TDS instructions. Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. Carefully clean up with a wet mop or HEPA vacuum. Prior to application it is important to determine if the existing asbestos matrix is well adhered to the substrate. Correct any surface defects and clean all surfaces thoroughly. Be careful not to agitate asbestos fibres during preparation; this could increase asbestos exposure. Stir thoroughly to achieve a uniform consistency.
MIXING INSTRUCTIONS	Stir thoroughly before use.
APPLICATION NOTES	Coverage depends on surface profile and porosity. Number of coats is dependent on the method of application. Applicator must achieve total 500 µm wet film thickness.
THINNING	Thinning not recommended.
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 LIMITED10 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.