ENVIROSET 4110

Two Pack Pigmented Solvent Free Epoxy

Technical Data Sheet Number 203





A & I Coatings ENVIROSET 4110 is a two pack pigmented, solvent free, 100% solids epoxy with excellent surface hardness and adhesion. It exhibits high water resistance, chemical and oil resistance with the ability to build virtually unlimited film thickness. Concrete protection	PRODUCT DESCRIPTION					
chemical and oil resistance with the ability to build virtually unlimited film thickness. Concrete protection Floor Coatings Floor Coatings Ploor Coatings Repaints/ maintenance Wear resistant coating Wear resistant coating Imitations Coatings Repaints/ maintenance Wear resistant coating Imitations Coatings high performance coating system 2. Exceptionally hard wearing Larning is glower in cold weather. Fast hardener is available PHYSICAL PROPERTIES Vehicle Type Hardener Amine Amine Amine Amine Amine Approx. 20 minutes @25°C using standard hardener and 10 minutes @25°C using fast hardener. Must be stirred thoroughly Gloss Theoretical Coverage Volume Solids Recommended DFT Usual No. of Coats Primer Required Product Weight Dependent on substrate. Contact A & I Coatings technical team for specifications Colour Light grey and pastel colours Primer Required Product Weight Sakg/Litre Solvent Resistance Durability Excellent, but will chalk under UV exposure without damage to the integrity of the coating Full Cure Recoat Time min Curl Inferior Full Cure Recoat Time min Curl Inferior Full Cure Recoat Time min Excellent, but will chalk under UV exposure without damage to the integrity of the coating Full Cure Recoat Time min Excellent, but will chalk under UV exposure without damage to the integrity of the coating Full Cure Recoat Time min Excellent, but will chalk under UV exposure without damage to the integrity of the coating Full Cure Recoat Time min Standard Hardener 2 Hrs S Hrs 6 Days 3 Hrs S Hrs S Days 3 Hrs S Hrs S Days 3 Hrs S Hrs S Days 3 Hrs S Days 3 Hrs S Hrs S Days 3 Hrs S Day		A & I Coatings ENVIROSET 4110 is a two pack pigmented, solvent free, 100% solids				
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Note Maximum recoat varies with the environmental conditions and			Maximum re	coat varies with t	ne environmei	ntal conditions and
the topcoat used						

Application Thinning Cleaning Concrete	Power stir Pack A, then blend with Pack B to correct ratio. Power stir thoroughly for one to two minutes prior to use. Only mix required amount and use within the stated pot life. Allow to stand for 10 minutes in cooler weather. If using as an epoxy mortar mix up to 4 parts sand to 1 part epoxy. For self levelling application mix up to 2 parts mixed epoxy to 1 part sand. Airless spray, brush or roller. Trowel when used as a mortar. If required, use Methylated Spirits or V122 Epoxy Thinners. Use V105 or V114 Thinners for clean up. New concrete should be allowed to cure for 28 days prior to coating. Surface must be sound, dry, free from all loose material, laitance, old coatings, dust and surface contaminants
	(e.g. oil, grease, chemicals, release/curing agents etc.). Smooth or contaminated surfaces must be mechanically treated by abrasive blasting or grinding to achieve a clean anchor pattern for best adhesion. Oily surfaces must be detergent cleaned and water blasted. In some instances acid etch and water blasting may be adequate to form a 'key' for sufficient adhesion. We would recommend the concrete be primed with ENVIROSET 4001 prior to the application of the ENVIROSET 4110 dependent on condition. Please note that moisture content in the concrete must be no greater than 4% prior to application of the E4110. Ensure no hydrostatic pressure present.
General	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with A & I Coatings recommended cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.
Clean Up	Clean all equipment after use with A & I Coatings recommended cleaner. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time (including delays).
Packing	Available in 10L packs. For other sizes, contact A & I Coatings.
Storage	12 months if stored in sealed containers away from heat and moisture above 100C. Subject to re-inspection thereafter.
All applicable statutory	regulations must be observed in the application of this product.

All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for ENVIROSET 4110. Users should familiarise themselves with all the safety aspects of the product prior to use. Please ensure the current Technical Data Sheet is consulted prior to specification or application of A & I Coatings products. A & I Coatings will in many instances provide Area Specific Instruction Sheets which contain detailed instructions on how to achieve desired results for specific areas. If the surface intended to be painted differs from the specification, please consult the A & I Coatings Technical team on 1800 819 585.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation. Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on onsite conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation. DISCLAIMER Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. For additional information, phone our Customer Service Centre on 1800 819 585, or e-mail helpdesk@aicoatings.com Visit our website for more products: www.aicoatings.com

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