



Era Polymers



ERACOAT




A photograph of a baby sitting on a highly reflective, polished wooden floor. The baby is wearing a colorful, striped sweater and light-colored pants. The background shows the legs of wooden chairs and a doorway leading to another room. The lighting is warm and indoor.

Era Polymers

Era Polymers are one of the world's largest suppliers of high performance elastomer systems producing a wide range of quality polyurethanes. Owned and operated by Industrial Chemists, Era Polymers has built an enviable reputation for outstanding product quality and customer service.

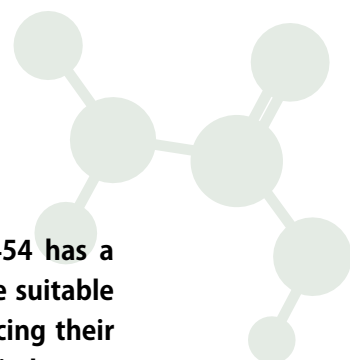
Era Polymers are certified to AS/NZS ISO9001 quality standard systems. Our Laboratories which are NATA accredited are constantly expanding the horizons of polyurethane chemistry. Era Polymers offers a range of polyurethane floor coatings; **Eracoat** which is a fast curing, single component, moisture curable, hard wearing and easy to maintain, polyurethane coating.

A faint, large watermark of a chemical structure is visible in the bottom right corner of the page. It appears to be a polyurethane chain segment, showing atoms like H, N, C, and O connected by bonds.



Eracoat

Eracoat FC2450 gives a tough clear gloss finish while Eracoat FC2454 has a satin finish, both have good abrasion and chemical resistance and are suitable on all interior timber, cork, particleboard and concrete floors, enhancing their natural appearance. Eraseal FC Sealer, is recommended for use on oily timbers to minimise the effect of tannin bleed.



Features	Benefits
Moisture curing Polyurethane	Hard wearing & scratch resistant finish
1 Pack	No mixing required
Roller applied	More productive
Excellent flow & levelling	Achieves a smooth, level film with minimum bubbling
Eraseal - fast drying sealer	Reduces application time

Application Guide
Surface must be clean dry & free of wax, grease, dust and other contaminants. (The presence of contaminants contributes to conditions such as delamination.)
Surface needs to be free of moisture to avoid pin holing.
Sand timber surface to industry standard.
Fill nail-holes and cracks with putty, then fine sand the floor.
Finish with 100 - 120 grit sand paper.
Close grain with 180 - 150 mesh screenback.
Vacuum thoroughly with a commercial grade vacuum cleaner.
Apply using a 6mm mohair roller or a soft bristle brush. (Never return unused materials to can.)
Coating can be spray applied if required. READ MSDS BEFORE SPRAYING.
Brushes & Rollers need to be cleaned with suitable solvents. Do not allow product or cleaning solvents to enter drains or waterways.



Properties on Recommended Film Thickness			
Properties	Eracoat FC2450 - GLOSS	Eracoat FC2454 - SATIN	Eraseal FC SEALER
Gloss Level @ 60 Degrees	>90	55 - 35	
Appearance (Liquid)	Clear	Opaque	Clear
Viscosity (cps)	135 ± 15	115 ± 30	60 ± 30
Isocyanate Content %	3.3 ± 3.9	3.0 ± 0.2	
Solids Content %	45 ± 2		
Hard Dry @ 20°C	Over night *	Over night *	
Cure (Days)	10 - 14 **	10 - 14 **	
Wet Film per Coat (Micron)	Recommended 104	Recommended 104	
Dry Film per Coat (Micron)	Recommended 48	Recommended 48	
Recoat	6hr	6hr ***	30 - 45 mins ****
Shelf Life (Months)	12	12	12
Sanding Properties	Excellent	Excellent	Excellent
Touch Dry (Hours)	1 - 3	1 - 3	
Full Cure (Days)	21	21	
Packaging Sizes			
	20L	10L	20L
Coverage Base Coat (Theoretical)			
Cork/Particleboard (m ² /L)	5 - 7	8 - 10	8 - 10
Timber (m ² /L)	6 - 8	6 - 8	6 - 8
Concrete (m ² /L)	5 - 7	5 - 7	5 - 7
Coverage Subsequent Coat (Theoretical)			
Cork/Particleboard (m ² /L)	8 - 10	8 - 10	8 - 10
Timber (m ² /L)	8 - 10	8 - 10	8 - 10
Concrete (m ² /L)	8 - 10	8 - 10	8 - 10
Notes			
* The surface may be subjected to light traffic after 24hrs.			
** Avoid walking on floor with street shoes.			
*** Inter-coat Adhesion; sand coating before applying the next coat.			
**** Depending on weather conditions.			
The use of Eraseal FC is recommended on oily timbers to minimise the effect of tannin bleed.			



Eracoat Accessories

Product	Size
FCA - Thinner	20L
FCA - Cleaning Solvent	20L
FCA - Accelerator	1L
FCA - Wet Edge	1L
FCA - Flow Additive	1L



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Era Polymers Pty. Ltd. has a policy of continual improvement so please ensure you are in possession of the latest issue of the Product Information sheet for the products you are planning to use. Although every effort has been made to ensure the accuracy of the information contained herein, Era Polymers Pty. Ltd. gives no warranty that the information is accurate and shall under no circumstances be liable to any person if it is not. The customer must satisfy himself as to the suitability of any of Era Polymers Pty. Ltd. products for their requirements.



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