



Era Polymers Pty.  
Ltd.

A.B.N. 14 003 055 936  
25-27 Green St  
Banksmeadow  
NSW 2019

# TECHNICAL DATA

## FC2450

*Transparent Urethane Coating*

Eracoat FC2450 is a fast curing single component, moisture curable polyurethane floor coating. Eracoat FC2450 gives a tough clear gloss on all interior timber, cork, particleboard & concrete floors with abrasion and chemical resistance.

Features	Benefits
Moisture Curing Polyurethane	Extremely hard wearing and scratch resistant finish
1 Pack	No Mixing
Roller Applied	More productive
Excellent flow and leveling	Achieves a smooth, level film with minimum bubbling

### Uses

Interior timber flooring, particleboard and cork flooring  
*Not suitable for external application or wet areas*

**Caution: Floor will be slippery when wet**

### Properties on recommended film thickness

<b>Gloss Level</b>	85 – 95 at 60 Degrees	<b>Wet film per coat</b>	Recommended 104µ
<b>Appearance</b>	Clear yellow liquid	<b>Dry film per coat</b>	Recommended 48µ
<b>Viscosity (cps)</b>	140cPs ± 30cPs	<b>Recoat</b>	6hr
<b>Isocyanate Content</b>	3.1% ± 0.2%	<b>Self Life</b>	12 months
<b>Solids Content</b>	45% ± 5%	<b>Sanding Properties</b>	Excellent
<b>Hard Dry</b>	Over night @ 20°C*	<b>Touch Dry</b>	1 – 3Hr
<b>Cure</b>	10-14 Days**	<b>Full cure</b>	21 Days

\*The surface may be subjected to light traffic after 24Hr

\*\* Avoid walking on floor with street shoes

This information is of general nature and is supplied without recommendation of guarantee. It does not make claim to be free from patent infringement. Properties shown are typical and do not imply specification tolerances. Samos Polymers cannot accept liability for loss or damage through use. Whilst these technical details are based on expert knowledge, practical experience and laboratory testing, successful application depends upon the nature and conditions in which the products are supplied. Users must, by comprehensive testing, evaluate this product in their own application.

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## Application Guide

- All surfaces must be clean, dry and free of wax, grease, dust and other contaminants. The presence of such contaminants contributes to conditions such as rejection or delamination.
- The surfaces need to be free of moisture and coated in the late afternoon to avoid pin holing
- Sand the timber surface to industry standard.
- All nail-holes and cracks should be filled 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.
- The coating can also be spray applied if required\*\*\*

Brushes and rollers need to be cleaned with suitable solvents like cleaning solvent FCA.

Do not allow Eracoat FC2450 or cleaning solvents FCA to enter drains or waterways.

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\*\*\*Read MSDS before Spraying

Coverage Base Coat (Theoretical)		Coverage subsequent coat (Theoretical)	
<b>Cork/Particleboard</b>	5 – 7m <sup>2</sup> /L	<b>Cork/Particleboard</b>	8 – 10m <sup>2</sup> /L
<b>Timber</b>	6 – 8m <sup>2</sup> /L	<b>Timber</b>	8 – 10m <sup>2</sup> /L
<b>Concrete</b>	5 – 7m <sup>2</sup> /L	<b>Concrete</b>	8 – 10m <sup>2</sup> /L

## Oily Timbers

The use of Eraseal FC on Oil Timers is recommended to minimise the effect of Tannin bleed.

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Application system - 3 day(Gloss)		Application system - 2day(Gloss)	
Day 1	FC2450	Day 1	Eraseal FC + FC2450
Day 2	FC2450	Day 2	FC2450
Day 3	FC2450		

### Maintenance

- Avoid dragging furniture over newly coated floor
- Use protective pads on the bottom of all furniture legs
- Gently remove dirt, sand and grit from the surface to minimise scratching and damaging the floor surface

**Avoid stiletto heels at all times**

### Health and safety

- Eracoat FC 2450 contains small amounts of free isocyanates so care should be exercised when handling.
- Use only in well ventilated areas.
- Avoid breathing vapours.
- Wear Appropriate PPE before spraying

**Please read Eracoat FC2450 MSDS before using this product**

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