



ERA Polymers Pty.
Ltd.

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

TECHNICAL DATA

FC2454

Satin Urethane Coating

Eracoat FC2454 Satin is a low sheen single component, moisture curable polyurethane coating. Eracoat FC2454 gives a tough Satin finish 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

Gloss Level	55 – 35 at 60 Degrees	Wet film per coat	Recommended 104µ
Appearance	Milky liquid	Dry film per coat	Recommended 48µ
Viscosity (cps)	115cPs ± 30cPs	Recoat	6hr***
Isocyanate Content	2.8% ± 0.2%	Self Life	12 months
Coverage	8 – 10m ² /L	Sanding Properties	Excellent
Hard Dry	Over night @ 20°C*	Touch Dry	1 – 3Hr
Cure	10-14 Days**	Full cure	21 Days

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

** Avoid walking on floor with street shoes

*** Inter-coat Adhesion may be an issue. Sand coating before applying next coat.

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.

Version: 1

Date of Issue: 01/11/2008

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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.

Brushes and rollers need to be cleaned with suitable solvents like cleaning solvent FCA.
Do not allow FC2454 or cleaning solvents FCA to enter drains or waterways.

Read MSDS before Using the product

Coverage Base Coat (Theoretical)		Coverage subsequent coat (Theoretical)	
Cork/Particleboard	8 – 10m ² /L	Cork/Particleboard	8 – 10m ² /L
Timber	6 – 8m ² /L	Timber	8 – 10m ² /L
Concrete	5 – 7m ² /L	Concrete	8 – 10m ² /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(Satin)		Application system - 2day(Satin)	
Day 1	FC2450 (Gloss)	Day 1	Eraseal FC + FC2450 (Gloss)
Day 2	FC2450 (Gloss)	Day 2	FC2454 (Satin)
Day 3	FC2454 (Satin)		

Maintenance
<ul style="list-style-type: none">• 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
<p style="text-align: center;">Avoid stiletto heels at all times</p>

Health and safety
<ul style="list-style-type: none">• FC 2454 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 FC2454 MSDS before using this product

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