

TECHNICAL DATA

Eracoat 45 Gloss

Eracoat 45 Gloss is a fast curing single component, moisture curable polyurethane floor coating. **Eracoat 45 Gloss** gives a tough clear gloss finish on all interior timber, cork, particleboard and concrete flooring with excellent 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. <i>Not suitable for external application or wet areas.</i> Eracoat 45 Gloss may be applied as a 1 st coat on timber or it may be applied over Eracoat MDI High Build Sealer or Eracoat Sealer . Eracoat MDI 45 Gloss may be applied over Eracoat 45 Gloss .
Caution: Floor will be slippery when wet

Properties on recommended film thickness			
Gloss Level @ 60 Degree (Angle)	85 - 95	Wet film per coat (mm)	Recommended 0.104
Appearance	Clear liquid	Dry film per coat (mm)	Recommended 0.048
Viscosity (cps)	120 - 150	Recoat (Hours)	8
Isocyanate Content (%)	3.6 ± 0.3	Shelf Life (Months)	12
Solids Content (%)	45 ± 2	Sanding Properties	Excellent
Hard Dry @ 20°C (Hours)	Overnight *	Touch Dry (Hours)	4 - 8
Cure (Days)	10 -14 **	Full cure (Days)	21



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.

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.
- 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 mesh screenback or sandpaper
- Close grain with 150 - 180 mesh screenback or sandpaper
- Vacuum thoroughly with a commercial grade vacuum cleaner
- Apply using a 5mm 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 **Eracoat Cleaning Solvent** or **Eracoat Thinner**.

Do not allow **Eracoat 45 Gloss** or cleaning solvents to enter drains or waterways.

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

**Avoid walking on floor with street shoes

****Read MSDS before Spraying

Coverage Base Coat (Theoretical)		Coverage Subsequent Coat (Theoretical)	
Cork/Particleboard	5 - 7m ² /L	Cork/Particleboard	8 - 10m ² /L
Timber/Concrete	8 - 10m ² /L	Timber/Concrete	8 - 10m ² /L

Oily Timbers

The use of **Eracoat Sealer / Eracoat MDI High Build Sealer** on oily timbers is recommended to minimise the effect of Tannin bleed.



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.

Application System - 3 day (Gloss)		Application System - 2 day (Gloss)	
Day 1	Eracoat 45 Gloss	Day 1	Eracoat Sealers
Day 2	Eracoat 45 Gloss	Day 1	Eracoat 45 Gloss
Day 3	Eracoat 45 Gloss	Day 2	Eracoat 45 Gloss

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 45 Gloss** 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 45 Gloss MSDS before using this product



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.