

## TECHNICAL DATA

## Eracoat MDI High Build Sealer

**Eracoat MDI High Build Sealer** is a fast curing single component, moisture curable polyurethane floor sealer. It cures fast to seal timber surfaces and provide higher build for gloss top coats. **Eracoat MDI High Build Sealer** can be coated with **Eracoat 45 Gloss**, or **Eracoat MDI 45 Gloss**.

The fast 40 minute recoat time of **Eracoat MDI High Build Sealer** allows the applicator to apply 1 coat of sealer and 2 coats of **Eracoat 45 Gloss / Eracoat MDI 45 Gloss** in 1 day.

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>
<b>Caution: Floor will be slippery when wet</b>

Properties on recommended film thickness			
<b>Gloss Level @ 60 Degree (Angle)</b>	70 - 85	<b>Wet film per coat (mm)</b>	Recommended 0.104
<b>Appearance</b>	Clear	<b>Dry film per coat (mm)</b>	Recommended 0.048
<b>Viscosity (cps)</b>	120 - 160	<b>Recoat @ 20°C (Minutes)</b>	30 - 40
<b>Isocyanate Content (%)</b>	3.6 ± 0.2	<b>Shelf Life (Months)</b>	12
<b>Solids Content (%)</b>	40 ± 2.0	<b>Sanding Properties</b>	Excellent
<b>Hard Dry @ 25°C (Hours)</b>	1 *	<b>Touch Dry (Minutes)</b>	30
<b>Cure (Days)</b>	7 - 10 **	<b>Full cure (Days)</b>	7



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### Application Guide

- All surfaces must be clean, dry and free of wax, grease, dust and other contaminates. The presence of such contaminates 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 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 **Eracoat Cleaning Solvent** or **Eracoat Thinner**.

Do not allow **Eracoat MDI High Build Sealer** or cleaning solvents to enter drains or waterways.

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\*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)	
<b>Cork/Particleboard</b>	6 - 8m <sup>2</sup> /L	<b>Cork/Particleboard</b>	8 - 10m <sup>2</sup> /L
<b>Timber</b>	8 - 10m <sup>2</sup> /L	<b>Timber</b>	8 - 10m <sup>2</sup> /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.

Application System - 2 day (Gloss)		Application System - 1 day (Gloss)	
Day 1	Eracoat MDI High Build Sealer	Day 1	Eracoat MDI High Build Sealer
Day 1	Eracoat 45 Gloss / Eracoat MDI 45 Gloss	Day 1	2 Coats Eracoat MDI 45 Gloss / Eracoat 45 Gloss
Day 2	Eracoat 45 Gloss / Eracoat MDI 45 Gloss	Day 1	Eracoat MDI High Build Sealer / Eracoat MDI 45 Gloss / Eracoat Satin

### 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 MDI High Build Sealer** 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 MDI High Build Sealer MSDS before using this product**



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