



Paint Academy Tutorial 15

Painting Doors and Door Frames

DETERMINING YOUR PRODUCT REQUIREMENT:

- Measure area to which paint is to be applied.
- Depending on surface to which the product is to be applied, determine which products are needed. (Refer to Product Specifier Tool)
- Check the Theoretical Spread Rates (TSR) on each of the specified products and see how many coats of each are recommended, then calculate what quantities of each product you will require, remembering to make adjustments for the porosity of each surface. TSRs are based on products applied to smooth, sealed surfaces. (e.g. an unsealed scratch plaster surface will absorb more paint than a sealed smooth one, so allow for a lower spread rate).
- Check out the specifications on all the top coat choices (referring to the relevant data sheets) and decide which is right for you.

IF NEW (UNPAINTED)

Surface Preparation

New Mild Steel frame (Primed)

1. Ensure all areas where primer has been damaged are clean and free of grease.

Application Method

1. Spot prime damaged mild steel(exposed metal) where necessary with 1 coat **AllPrime** (door frames). Allow to dry.
2. Apply 1 coat **UniSub** to frames and door. Allow to dry.
3. Apply 1 or 2 coats **HiGlo** to frames and door. Allow to dry between coats.

For outstanding results on doors and frames after priming:

1. Apply at least 2 coats of **UniSub**, sanding between and after the coats with a **320 grit waterpaper**.
 2. Apply the first coat of **HiGlo** undiluted. Allow to dry.
 3. Sand again with **320 grit waterpaper**.
 4. Apply a 2nd coat of **HiGlo** diluted with 10% mineral turpentine. Allow to dry and sand again.
 5. Apply a 3rd and final coat diluted between 10% and 15% with mineral turpentine. Allow to dry.
- This will leave you with a high gloss door that appears to have been sprayed. (Well worth the trouble!)

Relevant Product Information

AllPrime

Theoretical Spread Rate	Primed Steel: 12m ² per litre Mild Steel: 1 coat on interior doors
No. of Coats Required	1 coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

UniSub

Theoretical Spread Rate	8m ² per litre
No. of Coats required	1 Coat
	New Doors: 2 Coats for outstanding results
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 1 hour surface dry @ 25°C – 5 hours hard dry

Top Coat Choices

EnduraCoat

Theoretical Spread Rate	9m ² per litre
No. of Coats required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 3 hours to touch dry

HiGlo

Theoretical Spread Rate	10m ² per litre
No. of Coats Required	1 – 2 Coats 3 Coats on new doors
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 2 hours Surface dry @ 25°C – 7 hours Hard dry

LoGlo

Theoretical Spread Rate	10m ² per litre
No. of Coats Required	1 – 2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 2 hours Surface dry @ 25°C – 7 hours Hard dry

Enviro friendly solution

Replace **UniSub** with **Luxuriance** as the undercoat and **EnviroCoat** as the enamel substitute top coats.

EnviroCoat

Theoretical Spread Rate	10m ² per litre
No. of Coats Required	1 - 2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

Luxuriance

Theoretical Spread Rate	8- 9m ² per litre
No. of Coats required	1 or 2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

IF PREVIOUSLY PAINTED

Surface Preparation

1. Remove all loose peeling paint if any.
2. Where paint has been removed back to bare metal(door frame), sand metal to a bright finish, and sand edges of scar to zero.
3. Sand existing paint to a clean matt finish. Remove sanding dust.

Application Method

1. Apply 1 coat **AllPrime**, allowing ± 30 minutes to dry, to all exposed metal.
2. Apply 1 coat **UniSub** to areas where paint has been removed or primed. Allow to dry
3. Apply 1 or 2 coats of **HiGlo** or enamel of your choice. Allow to dry between coats.

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UniSub

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No. of Coats required	1 Coat New Doors: 2 Coats for outstanding results
Application Method	Brush, Roller or Spray
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Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 2 hours Surface dry @ 25°C – 7 hours Hard dry

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Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

Luxuriance

Theoretical Spread Rate	8- 9m ² per litre
No. of Coats required	1 or 2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes