



# Paint Academy Tutorial 19

## Painting Gypsum Plaster (Rhinolite)

### 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).

### IF NEW UNSEALED GYPSUM PLASTER

#### Method #1: Using PlasterPrime (for good quality plaster only).

##### Surface Preparation

1. Ensure gypsum plaster is dry and of good quality, i.e the surface is hard and free of chalk. **Note:** If the chalky powder remains after wiping, Paintcor's **RhinoSeal** must be applied in place of **PlasterPrime** to ensure the complete binding of the chalking gypsum plaster. Multiple coats of **RhinoSeal** should be applied to give subsequent coats a sound surface on which to bind.
2. Wipe good quality gypsum plaster down to remove all dirt and dust.

##### Application Method

1. Apply 1 coat of **PlasterPrime** to all gypsum surfaces to be painted. Allow to dry for 6 hours @ 25°C. Overcoat within 7 days.
2. Apply 2 coats of the top coat of your choice. Allow to dry between coats.

#### Method #2: Using RhinoSeal (for chalking plaster).

##### Surface Preparation

1. Ensure surface is dry and free of dust, oil, grease or any loose friable material.

##### Application Method

1. Apply one coat of **RhinoSeal**. Allow to dry. (Approx. 12 hours)
2. Check if substrate is properly bound ( i.e. not chalking material )
3. If necessary apply a second and third coat until the substrate no longer absorbs the **RhinoSeal**. Allow to dry between coats. A gypsum substrate not properly sealed will cause subsequent coats to peel.
4. Allow 24 - 48 hours to dry before overcoating with **AcrylUnder** (for acrylic top coats)
5. or **UniSub** (for enamel top coats).
6. Apply top coats of your choice. Allow to dry between coats.

## Primers, Sealers and Undercoats

### PlasterPrime

Theoretical Spread Rate	12-15 m <sup>2</sup> per litre
No. of Coats Required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	6 hours @ 25°C. Overcoat within 7 days.

### RhinoSeal

Theoretical Spread Rate	15m <sup>2</sup> per litre
No. of Coats required	1 – 3 Coats
Application Method	Brush, Roller or Spray
Drying Time	24 – 48 hours before overcoating

### AcrylUnder

Theoretical Spread Rate	5-6m <sup>2</sup> per litre
No. of Coats required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

### UniSub

Theoretical Spread Rate	8m <sup>2</sup> per litre
No. of Coats required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 1 hour surface dry @ 25°C – 5 hours hard dry

## Top Coats (Acrylic)

### Elegance

Theoretical Spread Rate	8-10m <sup>2</sup> per litre
No. of Coats Required	2 Coats minimum
Application Method	Brush, Roller or Spray
Drying Time	@ 30°C – 25 minutes

### Essensual

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

### Luxuriance

Theoretical Spread Rate	9m <sup>2</sup> per litre
No. of Coats Required	2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

### Pristina

Theoretical Spread Rate	7-8m <sup>2</sup> per litre
No. of Coats Required	2 Coats
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

## Top Coats (Enamel)

### EnduraCoat

Theoretical Spread Rate	9m <sup>2</sup> 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 <sup>2</sup> per litre
No. of Coats Required	2 Coats
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 <sup>2</sup> 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