



# Paint Academy Tutorial 19

## Painting over Wall Tiles

### 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.

### PAINTING OVER WALL TILES

#### IF TILES OTHER THAN SHOWER TILES

##### Surface Preparation

1. Wash tiles down with soap and water. Allow to dry.
2. Wipe grouting and tiles down with undiluted household bleach (to kill algae). Allow to dry. Remove dead algae by dry-brushing if necessary.
3. Finally wipe tiles down with lacquer thinners or meths to ensure thorough cleaning of tiles.

##### Application Method

1. Apply 1 coat **GTP** to clean dry tiles. Allow to dry. Apply **GTP** by brush or roller to an even consistency. Take care not to apply the product to thickly. Cover the surface to which it is being applied evenly.
2. Apply 1 or 2 top coats of **EnviroCoat**, **Elegance**, Enamel or **EnduraCoat** in desired colour.
3. Allow this system at least 24 hours to dry before subjecting to excessive humid or wet conditions.

Note: Do not attempt to spread **GTP** too far as this will give a poor streaky finish

#### IF TILES SHOWER TILES (WITH EPOXIPRIME)

##### Surface Preparation

1. Wash tiles down with soap and water. Allow to dry.
2. Wipe grouting and tiles down with undiluted household bleach (to kill algae). Allow to dry. Remove dead algae by dry-brushing if necessary.
3. Finally wipe tiles down with lacquer thinners or meths to ensure thorough cleaning of tiles.

## Application Method

**IMPROPER USE OF EPOXI PRIME WILL RESULT IN PRODUCT FAILURE!! PLEASE CALL THE PAINTCOR FACTORY ON 011 794-2885 / 4599 / 4897 SHOULD ANYTHING BE UNCLEAR OR SHOULD YOU REQUIRE FURTHER ASSISTANCE.**

1. **EpoxiPrime** is a twin-pack system, especially designed to go on to damp, cementitious surfaces, or surfaces on which it is difficult to obtain adhesion of paint systems
2. Open the lids of the **EpoxiPrime** PRIMER tin and CATALYST tin. Scrape excess product off the lids back into the **EpoxiPrime** tin. Ensure all the CATALYST is poured in the **EpoxiPrime** PRIMER tin by using a scraper (or piece of cardboard), thus adding all excess CATALYST into the PRIMER tin. Mix the primer and catalyst well with a flat paddle (not a broomstick) until an homogenous consistency is achieved. (Mix for approximately 2 minutes). Complete mixing is essential to the curing and performance of **EpoxiPrime**.
3. Once PRIMER and CATALYST have been mixed, you have approximately 40 minutes to apply the product before 'gel-time' is reached. Apply 1 coat, working the product into the surface. Theoretical spread rate is 15 – 20m<sup>2</sup> per litre. Once the whole surface has been covered with **EpoxiPrime**, check for areas of excessive absorption (areas where **EpoxiPrime** has been absorbed by the substrate, looks as if there is no product on those areas). Apply a second coat of **EpoxiPrime** to those areas. It is important that your cementations substrate be barriered off from the topcoat by the PRIMER. Absorption of the PRIMER means a porous substrate. **EpoxiPrime** will penetrate the substrate up to 2mm in depth and will bind it firmly, but if the substrate is poorly bound and **EpoxiPrime** does not penetrate right through its entire thickness, delamination of the substrate may occur, as **EpoxiPrime's** strength and adhesion will be much greater than that of the substrate.
4. If the Top Coat is applied to dry Primer, (no longer sticky or able to leave a thumbprint), the Top Coat will peel. Allow the first Top Coat on the Primer to dry for 24 hours at 25°C before application of the second Top Coat.
5. **EpoxiPrime** should be over coated with **EnduraCoat**, **EnviroCoat** or **Elegance Matt** while the surface is still tacky (approximately 24 to 48 hours) but must not be left longer than 3 days (including day of application) before over coating.

## Relevant Product Information

### GTP

Theoretical Spread Rate	9-10m <sup>2</sup> per litre
No. of Coats required	1 Coat on clean dry tiles
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

### EpoxiPrime

Theoretical Spread Rate	15m <sup>2</sup> per litre Cementitious: 8m <sup>2</sup> per litre can be as low as 4m <sup>2</sup> per litre
No. of Coats required	1 Coat
Application Method	Brush, Roller or Spray
Drying Time	@ 25°C – 30 minutes

## Top Coat Choices

### 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

**EnviroCoat**

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 – 30 minutes

**Elegance Matt**

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