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Product Data Sheet PDS045: BaseColor Satin

1 Product Description

BaseColor Satin is a water-based primer/undercoat with excellent adhesion and opacity and forms an integral part of the Tactite decorative coating system.

Apply BaseColor Satin to surfaces which are prepared ready for painting. BaseColor Satin can be tinted to a wide range of colours.

2 Properties

- Water-based low odour product.
- Excellent adhesion and opacity.
- 37.0% volume solids.
- 1.30g/ml density.
- Touch dry in 2 hrs (at 20°C).
- Coverage rate: approximately 12 - 16 m²/lt/coat. One 5.0 lt unit will cover approximately 80m² (800 ft²) per coat.
- Drying time 4 - 8 hrs.

3 Test Data

3.1 VOC Testing

A sample of BaseColor Satin was tested for VOC following procedures outlined in ASTM D3960 "Standard Practise for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings" and ISO 11890-2 "Paints and varnishes. Determination of volatile organic compound (VOC) content."

Test Method	Result	Comments
ASTM D3960	106g/lt	US EPA requirement (<250g/lt)
ISO 11890-2	<40g/lt	EU limit for this product (Cat A/a): 75g/l (2007) / 30g/l (2010)

4 Limitations

For interior use only.

5 Preparation

5.1 New Surfaces

- Ensure all surfaces are sound, clean and suitably dry.
- Dense or highly polished surfaces should be coated with an appropriate primer to promote effective adhesion.
- Freshly plastered surfaces should be coated with a suitable sealer/consolidator eg. Dulux Plaster Sealer.
- Porous surfaces should be primed with a mist coat of BaseColor Matt thinned with up to 20% clean water.
- Leave to dry.

5.2 Previously decorated surfaces

- Ensure all surfaces are sound, clean and suitably dry.
- Remove any loose or flaking material back to a sound firm edge.
- Treat any organic growth with a fungicidal wash.
- Fill any holes, cracks or surface defects.
- Surfaces that exhibit high sheen levels should be wet abraded to provide a key.
- Wash down sound paintwork with warm water and an appropriate cleaning agent to remove any contaminants.
- Rinse surfaces with clean water to remove any residues.
- Spot prime any bare or filled areas with a mist coat of BaseColor Matt or an appropriate primer as necessary.
- Leave to dry.

6 Application Instructions

- Stir product thoroughly before use.
- Apply two coats of pigmented BaseColor Satin using a good quality short pile roller.
- Allow to dry for a minimum of 4 - 8 hours before the finish coat of Tactite.

7 Health and Safety

BaseColor Satin is a non-toxic, water-based product. Ensure good ventilation during application and drying. Avoid contact with skin and eyes. Keep out of reach of children.

Please refer to Material Safety Data Sheet for further information.

8 Storage

Store in good dry conditions between 5 - 25°C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

Shelf life of BaseColor Satin in an unopened container under correct storage condition is 30 months from date of manufacture.

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