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Product Data Sheet PDS019: BaseColor Matt

1 Product description

BaseColor Matt is a water-based primer/undercoat with excellent adhesion and opacity. Apply BaseColor Matt to surfaces which are prepared ready for painting. BaseColor Matt can be tinted to a wide range of colours.

2 Properties

- water-based low odour product
- excellent adhesion and opacity
- 39.0% volume solids
- 1.50g/ml density
- touch dry in 2 hrs (at 20°C)
- overcoating time 4 - 8 hours
- coverage rate: approximately 10 - 14 m²/lt/coat. One 5 litre unit will cover approximately 60m² (600 ft²) per coat

3 Test data

3.1 VOC testing

A sample of BaseColor Matt 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	51g/lt	US EPA requirement (<250g/lt)
ISO 11890-2	15g/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. Brush/roller or conventional/airless spray.

7 Health and Safety

BaseColor Matt 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 Matt in an unopened container under correct storage condition is 24 months from date of manufacture.

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