

# Mike Wye & Associates

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## Casein Full Colour Paints

Product Information  
1200 - 1218

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### • APPLICATION

Casein Full Colour Paints are full colour paints for interior walls and ceilings. They are self-contained, wiping-resistant and open to diffusion. They can be mixed in any ratio with each other and with Casein Marble Paint, hence the large spectrum of variety in hues and whites that can be achieved. They can be applied to ingrain and similar wallpaper, plasterboards, plaster, masonry and old emulsion paints. Absorbent materials have to be prime coated first.

Unsuitable surfaces are, for example, oil and acrylic paints, plastic coatings and all nonabsorbent surfaces.

Old distemper and lime coatings are also not suitable for overcoating. The use at damp locations is limited; good ventilation must be ensured.

### • FURTHER AREAS OF APPLICATION

- Setting accents on surfaces painted with Casein Marble Paint.
- Stenciling.
- Colourful paints for children from 6 years on (acc. to EN 71).
- Abrasive paint techniques.
- Solvent-free coating for wood in the interior (see wood coatings).

### • PROPERTIES

- Easy application.
- Open to diffusion.
- Excellent covering.
- Harmonious relationship between the different hues.
- Can be mixed in any combination.
- Wiping-resistant, and with the addition of drying oils, washable to a certain degree.
- In accordance with EN 71 part 3 (safety of toys).

### • INGREDIENTS

Various earth and mineral pigments, chalk, talcum, titanium white, casein, borax.

### • PREPARATION

The surface must be solid and clean, free of dust, fat and striking-through or colouring substances. Strongly absorbing surfaces, e.g. plasters and plasterboards, require priming with Casein Primer (Art.No. 145).

### • MIXING THE PAINT

Amounts of water:

- 175g paint powder + 130ml water
- 1kg paint powder + 750ml water

- 5kg paint powder + 3.75l water

This is true for all hues except Ultramarine Blue, Ultramarine Violet and Umber Reddish!

For these, the following amounts of water should be used:

- 175 g paint powder + 150ml water

- 1kg paint powder + 900ml water

- 5kg paint powder + 4.5l water

Stir the paint powder little by little into the correct amount of water by using a powerful electric drill with a paint stirrer. Wait for approx. 30min. for the casein to react with the borax. Stir well again before application. Adjust paint/water mixture to suit the surface; i.e. A little more water may be required for a particular application.

#### • USAGE

Suitable tools are quality brushes or lamb-fur paint rollers Dilute three parts of the mixed paint with one part of water for the pre-coating. Apply paint thinly and evenly. Final coating with undiluted paint. Use up paint within 3 days – preferably sooner.

#### Wood Coatings:

Wood should be untreated and sanded. The surface of laquered wood must be degreased thoroughly and sanded. Leach when necessary. Apply paint thinly and evenly. A covering coating on wood requires 1 – 2 coatings.

When the coating is completely dry, carefully use sand paper P180-280 to abrade. Subsequently treat with non-yellowing Safflower wax (Art.No. 529 - 531) in order to attain properties such as waterproofness, hardness and brightness. Basically, all Kreidezeit oil lazures, hard oils and waxes are suitable.

The hue might become more intense with aftertreatment with oil. Test coating is recommended!

#### Tempera paints:

An addition of at least 30% (300ml on 1kg Powder) non-yellowing Safflower oil (Art.No. 370) to the already mixed full tone paint creates a **washable** wall paint.

Add Safflower oil in a thin stream (like mixing mayonnaise) into the already mixed full colour paint. Wait 10 minutes and stir well again. Such a tempera coating is dry after 24 hrs. (at 20°C) and can be overcoated. The coating reaches its full resilience after 3 – 4 weeks (drying time of the oil).

#### • DRYING TIMES

Safe to coat after approx. 8 hrs. at temperatures of at least 12°C and good ventilation. The coating has dried thoroughly after 24 hrs.

#### • YIELD

Coverage on primed and normal absorbent surfaces:

175g for approx. 1.6m<sup>2</sup>

1 kg for approx. 9m<sup>2</sup>

5 kg for approx. 45m<sup>2</sup> per coating.

#### • PACKAGE SIZES

175g, 1kg and 5kg in 17 different hues.

Please refer to the valid price list for hues, product numbers and product prices.

#### • CLEANING OF TOOLS

Clean immediately after use with water. Clean tempera paints with soapy water (e.g. Marseille soap (Art.No. 223)).

#### • STORAGE

If stored cool, dry and above zero degrees centigrade, the paint powder can be kept for at least 3 years.

#### • DISPOSAL OF RESIDUES

Dried residues can be disposed of with normal household litter.

#### • SAFETY ADVICE

Not applicable, non-hazardous product

#### • NOTE

Consider possible allergies to natural substances.

Casein paints have a typical smell during application that disappears after a few days in a dry environment.

#### Keep out of reach of children!

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained.

Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications.

(10/2005)