

## 1. Use

Volvox Casein Paint is a water resistant wall paint in powder form for interior use. It is suitable as a decorative coating for plaster, dry-lay (dry-lay covers hairline cracks), wood, sandstone, brick, painted wood, wallpaper etc.

## 2. Product Codes

4kg	11100
10kg	11100
20kg	11100

## 3. Coverage

0.1-0.15 kg per sq.m (1.6 sq.ft) depending

## 4. Colour

White

## 5. Thickness

Water

## 6. Drying Time

Can be touched over after 2-3 hours depending on temperature & humidity. Dry to touch about 24 hours. Fully cured after approx. 7 days

## 7. Properties

Volvox Casein Paint is breathable and helps regulate humidity. With good covering & colouring properties, it provides a matt finish & lasts for approx. 7 years when diluted with water. When mixed with water it should be used immediately & is free from bacteria, mould, preservatives & solvents.

## 8. Instructions for Use

### 8.1 Preparation

Previous coats of water soluble glass bound plasters or lime putty should be removed. Any holes or uneven surfaces should be filled & smoothed off with Volvox Casein Filler. Ensure this is dry prior to applying the Casein Paint.

Note: Acrylic surfaces and water, carbon black or staining stains should be treated with Volvox Sealing Primer. Casein Paint is very water soluble but mixing is more effective with a plasticiser (Dil) with a more alkaline. Put the required amount of casein paint powder into a bucket. Gradually add water, stirring continuously, until a viscous consistency is reached (Use ca. 0.1 litres of water per kg of paint powder). Leave to thicken for about 30-60 minutes, then slowly add water again bringing the mixture back to a creamy consistency. Use 0.2 litres of water per kg of paint powder & stir vigorously. The paint thickens steadily during the first 24 hours so dilute it from time to time by adding a little more water.

### 8.2 Application

Apply the paint freely & vigorously with a roller or large brush, spreading evenly in all directions. Two thin coats produce the best results. Thin coats may turn shiny spots. The coating power is achieved when the paint is fully dry.

Note: If shiny spots occur apply a 2nd coat of paint. One coat is normally sufficient, but on very absorbent surfaces (e.g. fresh plaster, chalky conditions, etc.) apply several diluted coats (adding 20% water) before the final coat. Allow each coat to dry completely. On dry surfaces slight cracks might appear during the drying process, in which case paint the whole surface again. Repeat if necessary.

## 8.3 Colouring

Volvox Casein Paint can be coloured with earthBom pigments. Add the pigments in water for several hours, according to their water-solubility. Add the diluted & well stirred pigments to the ready-mixed wall paint and stir carefully but thoroughly.

Very intense colours (e.g. Ultramarine Blue, Ultramarine Violet, Red Oxide) may become streaky on dense or uneven application. To achieve fuller colour colours mix Volvox Casein paint (see page 1) with earthBom Pigment (see page 1) and add the water. Note: In this case alkaline resistance is reduced. Volvox Casein paint can be used as a base for various glazing techniques using earthBom Pigments & earthBom Glaze.

Note: Do not mix all colours into one Volvox Casein Paint.

## 9. Tools

Roller, various brushes, spray gun, scraper. Clean tools immediately after use with water.

## 10 Storage

Store in a cool dry and frost free place. Unopened containers are stable for at least 2 years. Keep containers sealed and stored in a cool and frost-free place.

## 11 Ingredients

Casein, white lime, chalk, clay, china clay, cellulose, calcium laurate (potassium free), sodium phosphate (water softening salt), earth pigment.

## 12 Safety

8.2 Keep out of the reach of children. Harmful by inhalation and in contact with skin. Irritating to eyes & respiratory system.

## 13 Disposal

Allow unused paint to dry and dispose of safely according to local authority disposal guidelines.

The user is recommended to test the product on the intended surface to ensure its suitability.



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