



Product Data Sheet

Earthborn Casein Paint

Earthborn Casein Paint is a wipeable wall paint in powder form for interior use.

1. Coverage

7-9 sq m per kg.

2. Colours

White, (can also be coloured with Earthborn pigments).

3. Pack Size

4kg and 15kg.

4. Thinner (Depends on product if needed)

Water

5. Uses

It is suitable as a decorative coating for plaster, clay (may cause hair-line cracks), wood, sand, lime, brick, gypsum board, wallpapers etc.

6. Ingredients

Casein, white lime, chalk, clay, china clay, celluloses, calcspar, talcum (asbestos-free), sodium phosphate (water softening salt), earth pigment.

7. Properties

Earthborn Casein Paint is breathable, helps regulate humidity and has good opacity. In powder form it has a shelf life of approx. 2 years if stored in cool and dry conditions. When mixed with water it should be used immediately. It is free from titanium dioxide, preservatives and solvents.

8. Preparation

Previous coats of water-soluble glue-bound distempers or lime paints should be removed. Any holes or uneven surfaces should be filled and levelled off with Earthborn Casein Filler. Ensure this is dry prior to applying the Casein Paint.

Note: Acidic surfaces, water, soot or nicotine stains should be treated with Earthborn Isolating Primer.

9. Instructions for Use

Casein Paint is water-soluble but mixing is more effective with an electric drill and mixer attachment. Put the required amount of casein paint powder into a bucket, gradually add water stirring continuously until a viscous consistency is reached. Use 0.7 litre of water per kg of paint powder. Leave to thicken for about 30-60 minutes, and then slowly add water again to bring the mixture back to a creamy consistency. Use a further 0.3 litre of water per kg of paint powder and stir vigorously. The paint thickens steadily during the first 24 hours so dilute it from time to time by adding a little more water.

10. Application

Apply the paint thinly and evenly with a roller or large brush. Two thin coats produce the best results. Thick coats may form shiny spots. Note: If shiny spots occur, apply a further thin coat of paint.
The covering power is achieved when the paint is fully dry.

One coat is normally sufficient but on very absorbent surfaces e.g. fresh plaster, sandstone, and clay, apply several diluted coats (25% water) before the final top coat is applied. Allow each coat to dry completely. On clay surfaces slight cracks might appear during the drying process, in which case paint the whole surface again. Repeat if necessary.

11. Colouring

Earthborn Casein Paint can be coloured with Earthborn pigments. Soak the pigments in water for several hours according to their make-up instructions. Add the soaked and well-stirred pigments to the ready-mixed wall paint and stir carefully but thoroughly.

Very intense shades (e.g. Ultramarine Blue, Ultramarine Violet, and Red Oxide) may become streaky so ensure an even application. To achieve fuller tone colours mix Earthborn Casein paint (two parts) with Earthborn Pigment (one part) and add the water. Note that this may produce a slight texture. Earthborn Casein paint can be used as a base for various glazing techniques using Earthborn Pigments & Earthborn Wall Glaze.

Note: Do not stir oil-based tints into Earthborn Casein Paint!

12. Drying Time

Can be recoated after 3-6 hours dependent on room temperature & humidity. Dry after about 24 hours. Fully cured after approx 7 days

13. Tools

Brush or roller.

14. Cleaning

Clean tools immediately after use with water.

15. Maintenance

N/A

16. Storage & Disposal

Store in a cool, dry and frost-free place. Unopened containers are stable for at least 2 years. Allow unused paint to dry and dispose of safely according to local authority disposal guidelines.

17. Safety

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

18. Water Vapour Permeability

N/A

19. Moisture Vapour Transmission

N/A

20. VOC Content

N/A

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