



Product Data Sheet

Earthborn Casein Filler

Earthborn Casein Filler is an environmentally friendly filler suitable for interior and exterior mineral surfaces that are sound and absorbent, to fill holes, cracks and gaps. It is used prior to painting with Earthborn wall and ceiling paints.

- 1. Coverage**
1.5kg per m² per mm of thickness of coating.
- 2. Colours**
White
- 3. Pack Size**
Available in 500g and 2kg.
- 4. Thinner**
N/A
- 5. Uses**
Earthborn Casein Filler is used to repair: Holes and cracks before painting.
- 6. Ingredients**
Powdered marble, white lime hydrate, white cement, cellulose, clay, casein
- 7. Properties**
The product is highly pervious to vapour and regulates the humidity of the internal environment. It is easy to apply, is spreadable to layers thinner than 1mm and is easy to smooth.
- 8. Preparation**
Do not apply the product in temperatures below 8°C. The surface should be clean, sound and grease-free. Existing coats of water-soluble paints like distemper or lime paints need to be removed. It is not recommended to apply to non-absorbent surfaces, such as varnishes, lacquers and gloss finishes.
- 9. Instructions for Use**
Mix 1kg of filler with 250ml water until a lump-free paste is obtained. If necessary, add more water during application. If colouring the filler with Earthborn pigments, the dry powder must be carefully mixed with the pigment (not more than 5%) *before* mixing with water.
- 10. Application**
Apply the ready-mixed filler to create an even surface. If necessary, level-out deep holes and cracks a second time, once the first coat of filler is completely dry. If desired the surface can be sanded with fine sandpaper to obtain a very smooth surface.
Note: The whitening and covering power will only be visible when the product is fully dry.
- 11. Colouring**
N/A
- 12. Drying Time**
Approx. 4 hours, ready for sanding down after 8-12 hours.
Note: As Casein Filler contains lime, it needs to fully cure before painting over. Allow 4 weeks.
- 13. Tools**
Spatula, knife or trowel
- 14. Cleaning**
Clean tools immediately after use with water.
- 15. Maintenance**
N/A
- 16. Storage & Disposal**
Store in a cool, dry, frost-free place. Once Earthborn Casein Filler is mixed, use it within one hour. Shelf-life of the powder, when stored in a cool place, is 1-2 years.
Allow unused filler to dry; then it can be disposed of by the normal waste disposal.
- 17. Safety**
Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. May produce an allergic reaction. Avoid breathing dust. IF ON SKIN: Wash with plenty of water. IF INHALED: Get fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Keep out of reach of children. Safety data sheet available on request.
- 18. Water Vapour Permeability**
N/A
- 19. Moisture Vapour Transmission**
N/A
- 20. VOC Content**
The product is not subject to regulations by the VOC regulation.

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