



GENERAL:

Clear, water-soluble primer for the following casein based interior coatings, e.g.:

Casein Marble Paint	(Prod.No: 105-108)
Casein Lime Paint	(Prod.No: 120-122)
Marble Fibre Render	(Prod.No: 945-947)
Tile Adhesive	(Prod.No: 125)

Reduces absorption properties of highly absorbing surfaces and balances varying absorption properties on surfaces. Sandy surfaces are strengthened, **but trial areas are recommended**. Used also as transparent surface treatment of interior render, especially clay render. Here trial areas are also required (see 'Hints').

Suitable surfaces are all untreated lime, gypsum, cement and clay renders, gypsum fibre and gyprock, as well as lime sandstone, sandstone and concrete.

Unsuitable for smooth, non-absorbing and constantly moist surfaces.

In humid rooms, prime coats should only be applied if the areas are well cross-ventilated.

PROPERTIES:

- ★ A powder to be mixed with water
- ★ Spreads and penetrates well
- ★ Easily applied
- ★ Colourless
- ★ Transparent
- ★ Open to diffusion
- ★ Preservative free

INGREDIENTS:

Casein, silicic acid, borax, soda.

SUITABLE TOOLS:

Good, wide paint brushes.

DO NOT apply Casein Primer by rolling or spraying. **NATURAL PAINT** offers the following brushes:

Façade Brush	(Prod.No: P 6080)
Ceiling Brush – small	(Prod.No: P 6054.1)
Ceiling Brush – large	(Prod.No: P 6054.2)

PREPARATIONS:

Surface must be untreated, dust free, dry, clean, absorbent and free of grease.

- ★ Thoroughly wash down old calcimine/distemper and other chalky or non-absorbent coatings. Remove loose and flaky old paint. Wash off wallpaper glue residues.
- ★ Remove any binding agents and sintered skins mechanically from surface.
- ★ Remove any type of oil from concrete surfaces.
- ★ Sweep sandy surfaces thoroughly.
- ★ Remove loose plaster and wall particles and fill with similar material.
- ★ Sand down any wax treated wood, chipboard and plywood panels.
- ★ Clean mouldy surfaces cleaned with appropriate material.

PREPARING CASEIN PRIMER:

For mixing, a 10ltr bucket and a mixing rod with electric drill are best suited. Empty 250g of **Casein Primer** powder into 2ltr of cold water whilst stirring continually. Take care that all lumps are dissolved. After a soaking time of approx. 30min stir again and dilute with approx. 6 litres of water.

APPLICATION:

Apply **NATURAL PAINT Casein Primer** liberally and evenly. **Apply upwards from bottom to top to prevent runners!** Apply only as much as the surface can absorb. Wipe excess (wet and shiny patches) off with rag **before** drying.

Working temperature 8°C minimum.
Use prepared primer mix within one day.

DRYING TIME:

In normal climatic conditions, **dry after** approx. 8hrs. May then be painted with casein-based paints.

COVERAGE:

Depending on surface porosity, 250g powder is sufficient for approx 40m² – 60 m². Obtain accurate consumption figure during application.

 **PACKAGE SIZES:**

Prod.No: 145 250 g
For prices please refer to our latest price list.

 **STORAGE:**

Stored cool, dry and frost free, **NATURAL PAINT Casein Primer** can be stored for at least 2 years.

 **CLEANING OF TOOLS:**

After use, clean immediately with water. If necessary use a mild soap solution (**Marseille Soap Prod.No. 220**).

 **DISPOSAL OF RESIDUES:**

Do not pour residues into wastewater. Leftovers may be composted or - when dry - discarded as household refuse.

 **MARKINGS:**

Not applicable, non-hazardous

 **HINTS:**Transparent Sealing of Render or Plaster

The described work procedures remain the same to seal clay and other render you do not want to paint. Here in particular, complete penetration of the **Casein Primer** is important as otherwise shiny spots may remain. **The application has to be performed upwards, e.g. from bottom to top in order to prevent runners.** Generally a slight deepening of colour of the render can be expected. Before working on larger areas perform spot test coating in order to evaluate the colouring properties of the surface and to observe any potential adverse reactions (forming of white spots, blooming).

 **NOTE:**

Even paints made from natural and non-toxic raw materials should always be stored out of reach of children.

Observe any potential allergies against natural substances.

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.

(07/2004)