

**A prize of excellence was awarded to this high-technology paint which is both environmentally and people-friendly. Decorative indoor paint, for indoor walls and ceilings. This solvent and preservative-free paint containing no titanium dioxide provides very good resistance and excellent permeability to water vapour.**

### 1. Properties

Powdered paint.  
Dilution in water.  
Solvent-free.  
VOC-free.  
Formaldehyde-free.  
Preservative-free.  
Free of titanium dioxide.  
Indoors.  
Practically odour-free.  
White.  
Deep matt aspect.  
Washable.  
Very good covering properties.  
Microporous, the surface continues to breathe.  
Excellent primer for wall decorative glosses and sheens.

### 2. Base surfaces

Mineral plasters and roughcast, plaster, plasterboard, Fermacell®, concrete, glass fabric, ingrain paper, painting paper, fibrous coatings, wood and derivatives, wall fabrics, old water-based paint.

The base must be absorbent, clean, dry, free of dust and grease marks (if necessary clean with Nature et Harmonie® *Diluent*).

Remark: slight traces of crystallisation may exceptionally develop on surfaces containing gypsum. We recommend performing a prior test.

### 3. Preparation of the base surface

Remove old water-soluble paint (lime wash or pasted).

Remove any traces of paint with surface adhesion problems.

Because of their smooth, non-absorbent properties, lacquers and other oil-based paints must first be sanded then carefully dusted.

### 4. Product preparation

Nature et Harmonie® *Casein Paint* dissolves easily in water without forming lumps. After putting the quantity of water needed in a container (about 0.7 l of water for 1 kg of powder) and prepared *Pigments* if necessary (coloured casein paint), gradually pour the powdered *Casein Paint* in and stir constantly.

While continuing to mix, add 0.1 to 0.2 litres of water until you reach the desired consistency (creamy but still slightly fluid, close to that of dispersion paint).

Leave the mixture to rest for about 30 minutes before use. The paint thus obtained continues to thicken slightly over about 24 hours. To keep the right consistency, add a little water from time to time if necessary.

### 5. Application

Mix well before use.  
Application temperature: 8°C to 30°C.  
Apply one or two coats of *Casein Paint* with a roller, brush, paint gun, sponge, brush or paint glove. On a particularly absorbent surface (new plaster, limestone, etc.) saturate the surface with several heavily diluted coats then apply a top coat.  
On a chalking surface, first apply a coat of Nature et Harmonie® Undercoat with Silicate.

Nature et Harmonie® *Casein Paint* is particularly recommended as a primer for decorative wall glosses and sheens.

Respect the drying time between coats.  
Remarks: the covering properties of colourless casein paint is only visible after drying.

### 6. Colours

Nature et Harmonie® *Casein Paint* can be coloured with the collection of Nature et Harmonie® non-toxic *Mineral Pigments*. Before mixing the *Pigments* carefully into the *Casein Paint*, soak them for several minutes in water, stirring carefully.

Remark: for very intense colours (blue and ultramarine violet, oxide red, etc.), application must be particularly careful and even.

### 7. Application equipment

Roller with medium-long 12-14 mm bristles, brush, airless paint gun, paint glove, sponge, brush, etc.

### 8. Dilution

Dilution in water.

### 9. Cleaning the tools

Clean the tools in soapy water immediately after use.

### 10. Drying time

About 20-24 hours depending on temperature and weather conditions.

### 11. Yield per coat

At least 9 m<sup>2</sup> per kg of paint.

### 12. Packaging

1kg - 4kg - 18kg.

### 13. Storage

At least 3 years from the date of manufacture, in its original packaging, unopened, in a cool, dry, **frost and damp-free** place.

Remark: once prepared, casein paint must be used quickly.

### 14. VOC, VAH and CMR

Directive 2004/42/CE cat. Aa aqueous phase: 30 g/l.

European Ecolabel: 15 g/l.

This product does not contain VOC\*.

This product does not contain VAH\*.

This product does not contain CMR\*.

### 15. Composition

Lime, casein, calcium carbonate, chalk, asbestos-free talc, xanthan gum, cellulose.

### 16. Precautions for use

Although it is manufactured with ecological, non-toxic ingredients, keep away from children and do not dispose of down the drain. Because of the presence of lime, protect your eyes and skin.

\*VAH: Volatile Aromatic Hydrocarbons.

\*CMR: Carcinogenic, Mutagenic, Reprotoxic substances.

\*Conformity with **European Ecolabel and HEQ** (High Environmental Quality) **Label**.