

### 📄 Description

Clay paint  
made from unpolluted,  
undisturbed soil.

### ♻️ Circularity

±65% secondary resources

### 🏭 Manufacturer

BC materials in Brussels, Belgium



Red

Brown

Cream

Grey

## Product

### 📦 Composition

- Wallemerod, Meudt, Hischauer and Neuenahr Clays
- Brusseliaansand from excavated urban sites (mineral waste stream)
- Additives <1% (Methylcellulose, Acacia Gum, Sodium Salt)



Clays



Brusseliaansand



Additives

Physical properties			
Dry Bulk Density	1500 kg/m <sup>3</sup>		
Particle size <1mm	≥99%		DVL TM06
Oversize particles 1mm – 2mm	≤1%		DVL TM06
Abrasion	≤0,03 g		DVL TM06
Wet abrasion class	5		DVL TM06 EN 13300
Water vapor diffusion number $\mu$	5/10		Lehmbau Regeln
Fire Reaction	A1 (Non-flammable)		Lehmbau Regeln
VOC-emissions	VOC-free		EN 16516

**Shelf life** Can be kept indefinitely when dry, cold and exempted from frost.  
Can be kept for 6 weeks after mixing with water.

**Packaging** Dry powder.  
25 kg or 5 kg paperbag.

**Usage**

25kg Léém Clay Paint : one layer : 75m<sup>2</sup> – 100m<sup>2</sup>  
two layers : 37,5m<sup>2</sup> – 50m<sup>2</sup>  
20 l to 22,5 l mixing water

5 kg Léém Clay Paint : one layer : 15m<sup>2</sup> – 20m<sup>2</sup>  
two layers : 7,5m<sup>2</sup> – 10m<sup>2</sup>  
4 l to 4,5 l mixing water

The coverage of Léém Clay Paint varies depending on the substrate and tools used. The variation in the amount of product used is due to the absorbency of the substrate. In general, two coats are required. Keep a surplus for future repairs.

## Field of application

Léém Clay Paint is a mineral textured paint ("Clay Wash") for interior walls and ceilings. Léém Clay Paint is typically used as a finishing technique on already homogenized surfaces. Léém Clay Paint will make the best use of its vapour-open ('breathing') characteristic in combination with Léém Clay Plaster or Finish, in order to regulate the humidity of the indoor air. This breathable effect of Léém Clay Paint also occurs when it is applied to another type of 'breathable' substrate.

## Characteristics

Circular material in origin: Valorization of a "waste" stream  
Circular material in destination: infinitely reusable  
CO<sub>2</sub> neutral: no combustion required to produce the material  
Made of undisturbed, unpolluted soil  
Vapor-open  
Anti-static  
Colorstable  
Non-flammable  
Repairable  
VOC-free  
Free of microplastics

## Execution

<b>🧺 Storage and workable time</b>	Store in a dry place, lifted from the ground. The prepared paint has a workable time of 24 hours, provided it is covered. This working time can be extended when it is remixed with water, without exceeding its 6-week shelf life in its liquid state.
<b>📏 Conditions</b>	During application, the air temperature must be > 5°C. The substrate must be frost-free, stable, firm, adequately coarse and clean. Pre-treatment may be necessary with different types of primer for different types of substrate. See our Léém Clay Plasters & Paint Guide for further instructions on priming.
<b>🔧 Application</b>	<p><b>Preparation of the mixture:</b> Mix the dry mass vigorously with clean water using a drill fitted with a 100 mm diameter agitator. Leave the mixture to stand for 30 minutes, then mix again for 1 to 2 minutes. Important: Stir the paint regularly before each use to avoid sedimentation of clay, silt and sand particles.</p> <p><b>Sample application:</b> In all cases, the suitability of the entire surface structure of the primer and coating should be tested by means of a sample application over a sufficient area.</p> <p><b>Application:</b> Apply using a rectangular brush or medium- or longhaired roller in criss-cross strokes, or using an adequate texture sprayer. Create the desired texture and allow to dry completely. Apply a second coat as described above. In most cases, two coats are enough to achieve adequate coverage.</p> <p><b>Colour homogeneity:</b> To paint adjoining surfaces, mix sufficient paint from several packets. To avoid differences in colour, work without interruption and use the prepared mixture within 24 hours. Because of the natural ingredients, the possibility of variations in colour cannot be ruled out.</p> <p><b>Colour blends:</b> Different Léém Clay Paint colours (Cream, Brown, Grey and/or Red) can be blended in controlled proportions to achieve new colours.</p> <p><b>See our Guide</b> for Léém Clay Plasters &amp; Paints for colour blending guidelines, and more.</p>
<b>🕒 Drying time</b>	Under normal conditions (20°C and 50% relative humidity), the painted wall will dry out in 2 to 6 hours.
<b>🔧 Tools</b>	Tub, drill with paddle mixer, block brush or flat/oval paintbrush, medium- or long-haired paint roller, painter's tape, brush, texture sprayer GRACO RTX 5500 PX
<b>♻️ Disposal</b>	When used correctly, Léém Clay Paint is harmless to humans and the environment. After having dried out, residues can be disposed of with household waste or non-hazardous inert waste, and not as PDD (Petits Déchets Dangereux).

## Legislation

<b>✅ Conformity</b>	Complies with Brussels Soil Ordinance and Decree March 29, 2018. Complies with Flemish Soil Decree and its implementation rules (VLAREMA and VLAREBO). Tested on 40+ parameters of pollution: Non-polluted resources: No PCB, asbestos, PFC, lead, flame retardants, phthalates, isocyanates, PFAS, ...
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### Disclaimer

The information in this product description has been compiled with the greatest care. Compensation claims, unless they result from factory mixing errors, are excluded. With each new edition of the product information, the validity of the previous edition expires.