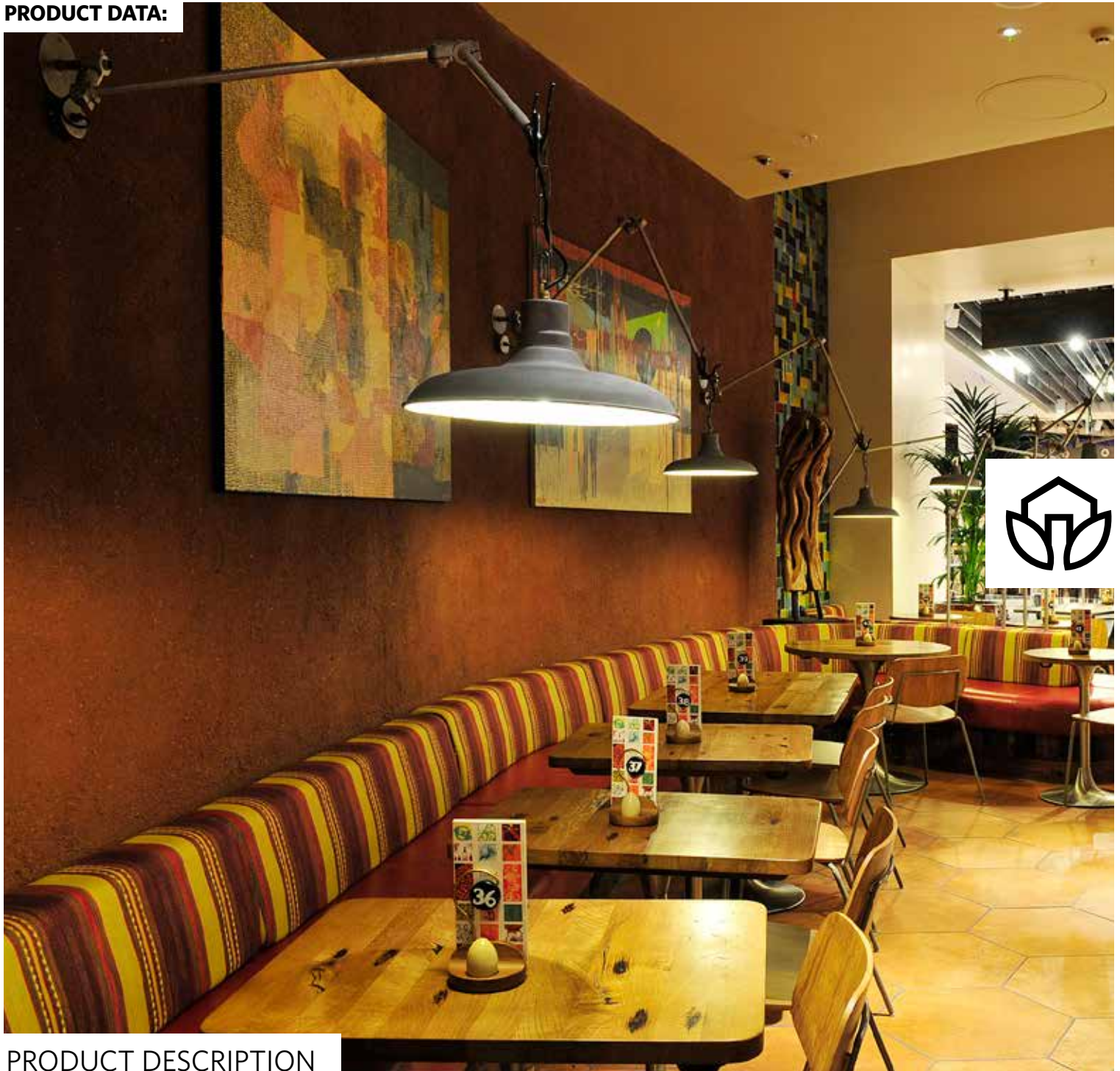


## PRODUCT DATA:



## PRODUCT DESCRIPTION

- SMOOTH PIGMENTED TOP COAT CLAY PLASTER - MICA AND NON-MICA
- RUSTIC PIGMENTED TOP COAT CLAY PLASTER - DEMI-RUSTIC, RUSTIC, HEAVY TEXTURE RUSTIC
- PLAIN COAT CLAY PLASTER
- BASE COAT CLAY PLASTER

# Clayworks

Natural clay plaster wall finishes

[www.clay-works.com](http://www.clay-works.com)

## PRODUCT DATA:

# CLAYWORKS SMOOTH PIGMENTED TOP COAT CLAY PLASTER MICA AND NON-MICA

### DESCRIPTION

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Clayworks Smooth Pigmented Top Coat Clay Plaster is a natural, high-performance, seamless interior finish. This product comes with the option of a micaceous additive, which produces a subtle iridescent radiance in direct light. Our Smooth Pigmented Top Coat without mica produces a more matte finish. Both can be finished to produce a very flat smooth surface and are often used in situations where clean lines and a contemporary look and feel are desired. For a more textured appearance, our Smooth Pigmented Top Coat Clay Plaster can also be finished with a sponge.

To benefit from the humidity and temperature buffering qualities of clay plasters, the Clayworks Base Coat is necessary to add thickness and volume.

### PROPERTIES AND BENEFITS

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- Very low embodied carbon and embodied energy
- 100% natural - nontoxic, zero VOC emissions and no synthetic additives
- Recyclable, reusable or 100% compostable
- Improves indoor air quality (IAQ) through the absorption of toxins and odours
- Passive regulation of internal humidity levels due to hygroscopic and vapour permeable nature
- Seamless surfaces and flexibility accommodates movement of building elements
- Through body coloured and UV resistant, meaning no painting, repainting or fading
- Durable, easy to maintain, repairable surfaces
- Effective acoustic absorber
- Applicable to a variety of surfaces.

### SUITABLE APPLICATIONS:

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- Surface coat
- Interior walls and ceilings
- Commercial or domestic applications

### PHYSICAL PROPERTIES

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- Density: 1600 kg/m<sup>3</sup>
- Thermal conductivity: 0.84 W/mK
- Fire resistance: Non-combustible
- BS 1377 - Organic matter 0% - Defined as none combustible in Building regulations document B.
- Surface hardness: Excellent
- BS EN 520 - Impact diameter < 15mm
- UV stability: Excellent
- Moisture buffer value: 1.28
- Thicknesses: 2 - 3 mm
- Coverage: 8 m<sup>2</sup> (@ 2mm thickness)
- VOCs: Zero
- Embodied CO<sup>2</sup>: 0.1162 Kg CO<sup>2</sup> eq/kg
- Acoustic Absorption Properties: Noise Reduction Coefficient (NRC): 0.10 NRC; Sound Absorption Coefficient: 0.090 N
- BS 1377
- End of life: Recyclable / biodegradable.

### ORIGIN

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Cornwall UK. For all orders and further information please contact [info@clay-works.com](mailto:info@clay-works.com)

## Clayworks

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## PRODUCT DATA:

### CLAYWORKS RUSTIC PIGMENTED TOP COAT CLAY PLASTER – DEMI-RUSTIC, RUSTIC, HEAVY TEXTURE RUSTIC

#### DESCRIPTION

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Clayworks Rustic Pigmented Top Coat Clay Plasters are a one-coat plaster with larger aggregate grain sizes, thus providing a coarser finish and allowing for thicker application in one coat. They are useful in situations where thickness is required in order to maximize humidity and temperature buffering properties, as well as where wall surfaces require building out. The Clayworks Rustic range comes in three different variations and levels of texture:

- Demi-Rustic: The smoothest and least textured which falls in between our Smooth Pigmented Top Coat and our Rustic Pigmented Top Coat.
- Rustic: A fairly textured finish for those needing a robust plaster with extra thickness. Ideally suited for the Clayworks artisanal finishes such as two-tone carving and relief work.
- Heavy Texture Rustic: A finish for those wanting to create deep texture. Suited for creative clay wall art and Clayworks artisanal finishes where thickness, volume and resilience are required.

#### PROPERTIES AND BENEFITS

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- Very low embodied carbon and embodied energy
- 100% natural – nontoxic, zero VOC emissions and no synthetic additives
- Recyclable, reusable or 100% compostable
- Improves indoor air quality (IAQ) through the absorption of toxins and odours
- Passive regulation of internal humidity levels due to hygroscopic and vapour permeable nature in one coat
- Seamless surfaces and flexibility accommodates movement of building elements
- Through body coloured and UV resistant, meaning no painting, repainting or fading
- Durable, easy to maintain, repairable surfaces
- Effective acoustic absorber
- Applicable to a variety of surfaces.

#### SUITABLE APPLICATIONS:

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- Surface coat
- Interior walls and ceilings
- Commercial or domestic applications

#### PHYSICAL PROPERTIES

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- Density: 1722 kg/m<sup>3</sup>
- Thermal conductivity: 0.97 W/mK
- Fire resistance: Non-combustible
- BS 1377 – Organic matter 0% (with straw 0,5%) – Defined as none combustible in Building regulations document B.
- Surface hardness: Excellent
- BS EN 520 – Impact diameter < 15mm
- UV stability: Excellent
- Moisture buffer value: 1.4
- Thicknesses: Demi-Rustic 5-7mm; Rustic: 7-15mm; Heavy Texture Rustic: 7-15mm
- Coverage: Demi-Rustic: 3.5 square metres @ 5 mm thickness; Rustic: 1.75 square metres @ 10mm thickness; Heavy Texture Rustic: 1.75 square metres @ 10 mm thickness
- VOCs: Zero
- Embodied CO<sup>2</sup>: 0.1162 Kg CO<sup>2</sup> eq/kg
- Acoustic Absorption Properties: Noise Reduction Coefficient (NRC): 0.10 NRC; Sound Absorption Coefficient: 0.090 N
- End of life: Recyclable/biodegradable.

#### ORIGIN

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## Clayworks

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## PRODUCT DATA:

### CLAYWORKS PLAIN COAT CLAY PLASTER

#### DESCRIPTION

Clayworks Plain Coat Clay Plaster is a natural, high-performance, seamless interior finish. This product is often used as a top coat and painted with a micro-porous paint or limewash. Other applications include use as a thin base coat onto render carrying boards where a small amount of build up is required before application of a decorative top coat plaster.

To benefit from the humidity and temperature buffering qualities of clay plasters, the Clayworks Base Coat is necessary to add thickness and volume.

#### PROPERTIES AND BENEFITS

- Very low embodied carbon and embodied energy
- 100% natural - nontoxic, zero VOC emissions and no synthetic additives
- Recyclable, reusable or 100% compostable
- Improves indoor air quality (IAQ) through the absorption of toxins and odours
- Passive regulation of internal humidity levels due to hygroscopic and vapour permeable nature
- Seamless surfaces and flexibility accommodates movement of building elements
- Durable, easy to maintain, repairable surfaces
- Effective acoustic absorber
- Applicable to a variety of surfaces.

#### SUITABLE APPLICATIONS:

- Surface coat
- Interior walls and ceilings
- Commercial or domestic applications
- Backing coats onto render carrying boards require meshing.

#### PHYSICAL PROPERTIES

- Density: 1660 kg/m<sup>3</sup>
- Thermal conductivity: 0.90 W/mK
- Fire resistance: Non-combustible
- BS 1377 - Organic matter 0% - Defined as none combustible in Building regulations document B.
- Surface hardness: Excellent
- BS EN 520 - Impact diameter < 15mm
- UV stability: Excellent
- Moisture buffer value: 1.35
- Thicknesses: 4 - 8 mm
- Coverage: 4.5 m<sup>2</sup> (@ 5mm thickness)
- VOCs: Zero
- Embodied CO<sup>2</sup>: 0.1162 Kg CO<sup>2</sup> eq/kg
- Acoustic Absorption Properties: Noise Reduction Coefficient (NRC): 0.10 NRC; Sound Absorption Coefficient: 0.090 N
- BS 1377
- End of life: Recyclable / biodegradable.

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## PRODUCT DATA:

### CLAYWORKS BASE COAT CLAY PLASTER

#### DESCRIPTION

Clayworks Base Coat Clay Plaster is used as an undercoat where extra thickness is needed for humidity and temperature regulation purposes, or where the wall needs levelling. Straw can be added to increase tensile strength where extra flexibility is needed in the plaster.

#### PROPERTIES AND BENEFITS

- Very low embodied carbon and embodied energy
- 100% natural – nontoxic, zero VOC emissions and no synthetic additives
- Recyclable, reusable or 100% compostable
- Improves indoor air quality (IAQ) through the absorption of toxins and odours
- Passive regulation of internal humidity levels due to hygroscopic and vapour permeable nature
- Seamless surfaces and flexibility accommodates movement of building elements
- Durable, easy to maintain, repairable surfaces
- Effective acoustic absorber
- Applicable to a variety of surfaces.

#### SUITABLE APPLICATIONS:

- Surface coat
- Interior walls and ceilings
- Commercial or domestic applications
- Backing coat to build in humidity and temperature regulating benefits as well as to level out uneven wall surfaces.

#### PHYSICAL PROPERTIES

- Density: 1722 kg/m<sup>3</sup>
- Thermal conductivity: 0.97 W/mK
- Fire resistance: Non-combustible
- BS 1377 – Organic matter 0% (with straw 0,5%) – Defined as none combustible in Building regulations document B.
- Surface hardness: Excellent
- BS EN 520 – Impact diameter < 15mm
- UV stability: Excellent
- Moisture buffer value: 1.4
- Thicknesses: 7-15mm
- Coverage: 1.75 square metres @ 10 mm thickness
- VOCs: Zero
- Embodied CO<sup>2</sup>: 0.1162 Kg CO<sup>2</sup> eq/kg
- Acoustic Absorption Properties: Noise Reduction Coefficient (NRC): 0.10 NRC; Sound Absorption Coefficient: 0.090 N
- End of life: Recyclable/biodegradable.

#### ORIGIN

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