



# Clayworks

Natural Clay Plasters

SMOOTH FINISHES

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Overview:	A premixed, pre-pigmented interior wall & ceiling plaster, ready to mix with water apply and with traditional plastering skills and tools. 100% natural, all compostable.*
Supply:	25Kg bags of dried plaster. Recyclable or compostable bags.
Coverage:	7-8 m <sup>2</sup> per bag with 2 x 1mm layers. Total 2mm thick.
Other essentials:	Clayworks Wall Primer & Clayworks Glaze (supplied by Clayworks with all clay orders plaster for additional cost).
Application:	We strongly recommend application by an approved Clayworks plasterer. Where not possible, follow our application guidelines.
Colours:	88 Standard colours. Custom colours available on request. UV Resistant. Through pigmented.
Composition:	Unique blends of unfired clays mixed with natural minerals and pigments.
Substrate:	Most commonly applied directly onto gypsum plasterboard, masonry, blockwork, wood fibre board & wood wool carrier board. Can be applied directly onto Gypsum backing board suitably primed. Other substrates may require a backing coat. For details please also see our separate data sheet 'Clayworks Design Details'  Cannot be applied directly onto wood, including plywood, MDF or OSB.
Restrictions on use:	Suitable for interior walls and ceilings and fixed furniture. Appropriate for bathrooms, but not wet or shower areas. We advise against use on items that will be moved around or doors. Not suitable for floors. Clayworks supply interior waterproof finishes and exterior grade finishes where a seamless match is required.
Country of origin:	UK. Manufactured in Cornwall.
Fire:	Euroclass A1 Fire Rating to EN13501 and EN15824 international standards.  * The majority of our Finishes are pigmented with natural, organic pigments. However, some colours contain chemical pigments - please contact us for further advice. Glazes and Primers may contain synthetics or chemicals.

Health & safety:	As a powdered product a dust mask should always be worn when handling the product. Non Caustic.		
Acoustics:	Noise Reduction Coefficient (NRC): 0.10 NRC Sound Absorption Coefficient: 0.090N		
Sustainability:	Extremely low embodied carbon: 0.0677 kgCO <sub>2</sub> e/kg. (LCA stages A1-A3. Full A1 - D assessment is available in our EPD). Product and packaging are fully compostable at all stages of lifecycle.		
Health:	Natural, low VOCs, formaldehydes and no polymers or oils. Absorbs toxins, regulates humidity. No off-gassing. Health Product Declaration & VOC Emissions Certificates.		
Maintenance:	Can be wiped clean with a non-toxic cleaner when glazed. Seamless. Easily repaired. Fixtures, fittings, wall hangings as per any other plaster.		
Drying times:	2-3 hrs is between each layer. 24 hours for the entire finish to dry.		
Densities:	Dried:	low g/L 1137.581	high g/L 1573.407
	Applied.	g/l kg/m <sup>3</sup> 1270 1270	Thickness (mm) kg/ m <sup>2</sup> 2mm 2.5
Impact:	BS EN 520 – Impact Diameter < 15mm.		
Thermal conductivity:	0.84 W/mK		
Moisture buffer value:	1.28		
Light reflective value:	Tested to BS.8493:2008+A1:2010. Ranges from 37.5 (Blue) to 60.5 (White).		
Directions for storage:	Keep dry, do not pierce bags. Any left over material should be kept in sealed containers for future repairs or use.		

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