



# Clayworks

Exterior Finishes Data Sheet

# EXTERIOR FINISHES DATA SHEET

<b>Overview:</b>	<p>Our range of exterior finishes is the result of extensive and ongoing experimentation with Natural Binders developed in response to significant demand for use in environments where clay is less practical.</p> <p>We offer custom exterior finishes, including Rammed Earth, designed for stand-alone applications or as seamless complements to our clay plasters, providing a cohesive and high-performing solution.</p> <p>Our exterior finishes are available in two categories: Classic and Custom, ensuring flexibility and innovation to meet the needs of any project.</p>
<b>Supply:</b>	25Kg bags of dried plaster. Recyclable or compostable bags.
<b>Coverage:</b>	<p>Stipple coat - 4.5m<sup>2</sup> per 25kg with thickness of 3mm. Base coat - 1.6m<sup>2</sup> per 25kg with thickness of 8mm. Top coat - 1.6m<sup>2</sup> per 25kg with thickness of 8mm.</p> <p>Total 19mm thick.</p>
<b>Application:</b>	We strongly recommend application by an approved Clayworks plasterer. Where not possible, follow our application guidelines.
<b>Colours:</b>	89 Standard colours. Custom colours available on request.
<b>Composition:</b>	Natural lime based binder mixed with minerals and pigments.
<b>Substrate:</b>	Most commonly applied directly onto Masonry, Concrete, Blockwork or Wood wool board. All exterior finishes require a backing coat; some may also need a bonding coat. For details please also see our separate data sheet 'Clayworks Exterior Design Details'.
<b>Restrictions on use:</b>	Not suitable for floors. Not to be used in bathrooms.
<b>Country of origin:</b>	UK. Manufactured in Cornwall.

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<b>Fire:</b>	Euroclass A1 Fire Rating to EN13501 and EN15824 international standards
<b>Health &amp; safety:</b>	As a powdered product a dust mask should always be worn when handling the product. Non Caustic.
<b>Sustainability:</b>	Lime is produced at a far lower temperature than cement, therefore requiring significantly less energy to produce. Lime has a unique ability to absorb carbon dioxide from the atmosphere, further minimizing total CO2 emissions.
<b>Maintenance:</b>	No ongoing or planned maintenance is required. Clayworks exterior finishes are naturally pigmented and UV resistant and therefore will not require painting.
<b>Drying times:</b>	Any lime-based render should not be allowed to dry too quickly. Lime bound renders that are allowed to dry out overly quickly are more likely to fail.  Drying times will depend on weather conditions; it can take up to 2 months to fully dry.
<b>Densities:</b>	Dried: 1590Kg/m <sup>3</sup>
<b>Thermal conductivity:</b>	0.83 W/(m.K)
<b>Light reflective value:</b>	Available on request
<b>Directions for storage:</b>	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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