

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

Feeneys Terra Cotta

Code: AR1

Description

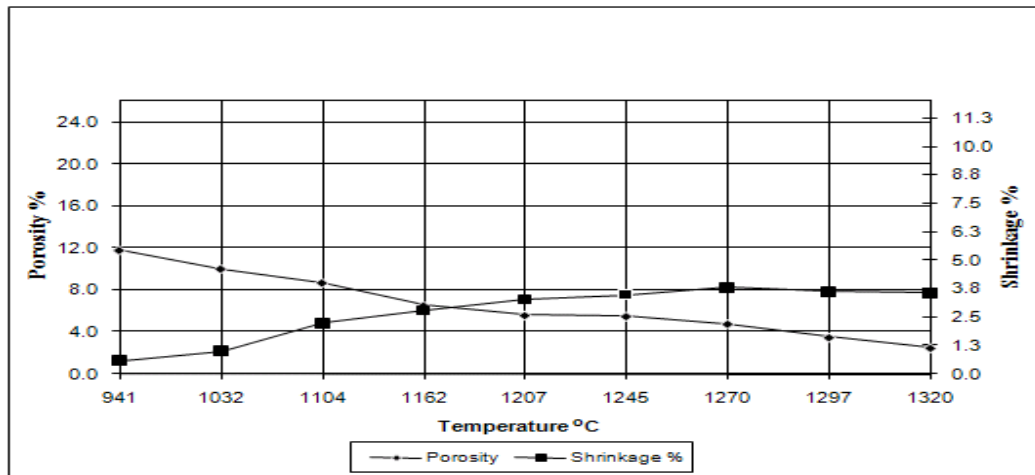
A rich terra cotta firing body ideal for all hand building work. Sculpture and slab work are particularly well suited to Hand Building Terra Cotta.

Mesh : 14 # body

Recommended Firing

Bisque	Glaze
1000° C	1080° C to 1135° C

Chemical Analysis		Shrinkage (fired)			
SiO ₂	60.51%	From wet to dry	7.23%	± 0.5%	
Al ₂ O ₃	23.43%	From dry to bisque	0.57%	± 0.2%	
TiO ₂	1.05%	From bisque to glaze	2.25%	± 0.5% at 1080° C Orton cone 03½	
Fe ₂ O ₃	5.12%	From bisque to glaze	3.45%	± 0.5% at 1135° C Orton cone 01	
CaO	0.23%				
MgO	0.76%	Water absorption			
Na ₂ O	0.73%	Biscuit	1000° C	Orton Cone 06	10.1%
K ₂ O	2.23%	Fired	1200° C	Orton Cone 5	8.67%
L.O.I.	5.93%	Fired	1225° C	Orton Cone 6	5.49%



Glazes

See Walkers Earthenware glaze range for functional and decorative glazes.

If making your own glazes contact us for technical assistance if required.

Presentation

Fully de-aired 12.5 kilogram block wrapped in recyclable polythene bags.

Moisture content of standard clay is 22% to 24%, PR 3 to 4.

Other moisture contents are available on special request using our Penetrometer Readings (PR) outlined below.

Preparation

Crude clays are hammer milled dry. The dry mix is then extruded through a de-airing brick extruder. Moisture is added to the dry body accurately in the extruder. The result is incredible plasticity and strength. The clay is sealed airtight in polythene bags which can be stored indefinitely.

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