

Technical Data Sheet

ES50 (Crank) Earthstone



Hand Building



Slab Building



Modelling



Raku



Firing Range: 1120-1280°C



Colour: Buff

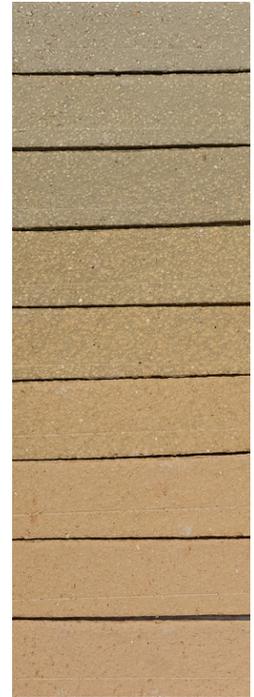


Texture: Coarse Textured



Bag Size: 12.5kg

Fired at
1300°C
1280°C
1260°C
1240°C
1220°C
1200°C
1180°C
1160°C
1140°C



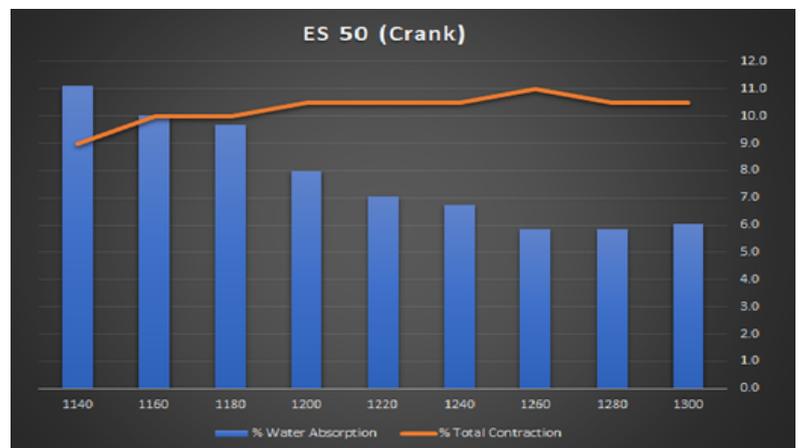
| Chemical Analysis % | |
|--------------------------------|------------|
| Chemical | Percentage |
| SiO ₂ | 59.01 |
| TiO ₂ | 1.24 |
| Al ₂ O ₃ | 27.46 |
| Fe ₂ O ₃ | 2.83 |
| P ₂ O ₅ | 0.06 |
| CaO | 0.43 |
| MgO | 0.80 |
| K ₂ O | 1.96 |
| Na ₂ O | 0.14 |

| % Total Contraction | |
|---------------------|-------|
| 1100°C | X |
| 1200°C | 10.5% |

| Thermal Expansion | |
|-------------------|-------|
| 500°C | 0.220 |
| 600°C | 0.270 |

This technical information is only a guide, established from the characterisation and analysis of representative samples, and from routine production averages.

Product characteristics are subject to modifications.



Valentine Clays

MANUFACTURED IN THE HEART OF THE POTTERIES