

Technical Data Sheet

Casting Slip

Standard Red Terracotta



Casting



Firing Range: 1080-1180°C



Colour: Red



Texture: Smooth



Tub Size: 5 Litres

Fired at

1220°C

1200°C

1180°C

1160°C

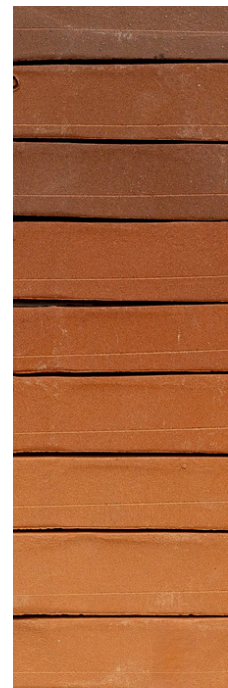
1140°C

1120°C

1100°C

1080°C

1060°C



Chemical Analysis %

| Chemical | Percentage |
|--------------------------------|------------|
| SiO ₂ | 57.38 |
| TiO ₂ | 1.23 |
| Al ₂ O ₃ | 22.78 |
| Fe ₂ O ₃ | 7.37 |
| P ₂ O ₅ | 0.09 |
| CaO | 0.57 |
| MgO | 0.86 |
| K ₂ O | 1.60 |
| Na ₂ O | 0.10 |

% Total Contraction

| | |
|--------|-----|
| 1100°C | 16% |
| 1200°C | x |

Thermal Expansion

| | |
|-------|-------|
| 500°C | 0.319 |
| 600°C | 0.455 |

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.

There can be variation in the shrinkage rate due to the density of the casting slip.

Testing is advised.

Valentine Cl@s

MANUFACTURED IN THE HEART OF THE POTTERIES