

# General Duty Castables

## Product Data

### RESCOCAST 1300ST

RESCOCAST 1300ST is 1300°C General Duty Castable which can be cast, trowelled, or Gunned.

**Maximum Service Temperature:** 1300°C

**Mixing Water Additions:** 12 – 16%

**Bulk Density:**

Dried to 110°C	2000 – 2110 kg/m <sup>3</sup>
Fired to 815°C	1860 – 2000 kg/m <sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C > 210 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C > 50 kg/cm<sup>2</sup>

**Permanent Linear Change(%):**

110°C to 815°C -0.2 to -0.4

**Conductivity or “K” Factor:**

Mean Temp.	W/mK
1500°F ( 815°C)	1.00
2000°F (1095°C)	1.00

**Typical Chemical Analysis(%):**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
>35 %	<45%

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