



PRODUCT DATA

Brand Name: QUIKTURN 45 PC

Description: 45% alumina, ultra-low cement castable that can be vibration cast and pumpcast. After final set, this unique castable can be heated without the traditional controlled heating schedule.

Maximum Service Temperature 3000°F (1650°C)

Typical Water Required for Mixing :

Vibration Cast	5.5%
Pump Cast	6.5%

Bulk Density (lb/ft³)

1500°F (815°C) 144 (2307 kg/m³)

Cold Crushing Strength (lb/in²)

1500°F (815°C) 8000 to 10,000 (562 to 703 kg/cm²)

Permanent Linear Change (%)

1500°F (815 °C) 0.0 to -0.3

Erosion Loss

Using ASTM C-704 Method : Less than 12 cc
(Typical: 7 to 9 cc)

Typical Chemical Analysis (%)

Al ₂ O ₃	45.9 %
SiO ₂	47.4
Fe ₂ O ₃	0.9
TiO ₂	1.4
CaO	0.9
Alkalies	0.2
Others	3.4

Standard Packaging: 72 - 55 lb bags per pallet

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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