



Low Cement Castables

Cast Data

EZ Cubed 93LC

EZ Cubed 93LC is an ultra high abrasion resistant low cement castable which requires no vibration to install. Its super high strengths and abrasion resistance make it an ideal choice in problem areas where requirements exceed the capabilities of conventional low cement castables.

Maximum Service Temperature: 3400°F (1870°C)

Bulk Density:

After 220°F (105°C) 190 lb/ft³ (3040 kg/m³)
After 1500°F (815°C) 185 lb/ft³ (2960 kg/m³)

Cold Crushing Strength:

After 1500°F (815°C) 10,000-18,000 psi (700-1260 kg/cm²)

Modulus of Rupture:

After 1500°F (815°C) 4000-6000 psi (280-420 kg/cm²)

Porosity:

13%

Erosion Loss using ASTM C-704 Method:

After 1500°F (815°C) Less than 5.0 cc

Permanent Linear Change (%):

After 1500°F (815°C) 0.0 to -0.3

Thermal Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /HR/°F/in	W/mK
1000°F (540°C)	10.8	1.56
1500°F (815°C)	9.7	1.40

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Alkalies
92.8	5.4	0.1	1.5	0.2

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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