



PRODUCT DATA

Brand Name: REF FORM 47 LCXC

Description: Coarse grain-containing, high alumina precast mix that features excellent dimensional stability, strength, and corrosion resistance. This precast mix is available with stainless steel fibers for improved cohesion, strength, and spall resistance.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 2800°F (1540°C)

	Vibration Cast Data	
<u>Bulk Density (pcf)</u>		
After 220°F (105°C)	146	(2.34 g/cm ³)
<u>Modulus of Rupture (psi)</u>		
After 220°F (105°C)	1100	(77 kg/cm ²)
After 1500°F (815°C)	1300	(91 kg/cm ²)
<u>Cold Crushing Strength (psi)</u>		
After 220°F (105°C)	9500	(665 kg/cm ²)
After 1500°F (815°C)	9100	(637 kg/cm ²)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	51.5
Silica (SiO ₂)	43.4
Iron Oxide (Fe ₂ O ₃)	0.7
Titania (TiO ₂)	0.6
Lime (CaO)	1.6
Other	2.2

Brand Code: 3478

The properties shown on this data sheet represent typical average results 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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03/08/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505