



PRODUCT DATA

Brand Name:

AL-MAX®

Description: AL-MAX® is a wet, high purity, 78% alumina air-setting mortar with a 3200°F service temperature limit. It is recommended for surfacing fireclay and high alumina brick when resistance to high temperatures or metal penetration are required. Use with 70%, 80%, and 90% alumina brick.

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

Maximum Service Temperature: 3200°F (1760°C)

Material Required:

To Lay 1000 9" Straight Brick 400 - 450 lbs.

Modulus of Rupture (psi)

After 220°F (105°C)	1100 - 1400	(77 - 98 kg/cm ²)
After 1500°F (1400°C)	1000 - 1300	(70 - 91 kg/cm ²)
After 2732°F (1400°C)	1500 - 1800	(105 - 126 kg/cm ²)
After 3000°F (1400°C)	1600 - 2000	(112 - 140 kg/cm ²)

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	78.3
Silica (SiO ₂)	17.2
Iron Oxide (Fe ₂ O ₃)	0.3
Titania (TiO ₂)	0.4
Lime (CaO)	0.1
Magnesia (MgO)	Trace
Alkalis (Na ₂ O+K ₂ O)	3.7

Standard Packaging and Storage:

50 lb. Drum; ADACOR 80 should be stored in a dry place between 32°F (0°C) and 100°F (38°C). For best results use within two months.

Brand Code: 0767

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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01/25/17 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.

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