



PRODUCT DATA

Brand Name: LADLELOCK 70

Description: LADLELOCK 70 is a Premium, Air-Setting, High Alumina Mortar and is available in Trowelling and Dipping consistencies.

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

Maximum Service Temperature: 3100°F (1704°C)

Typical Water Required for Mixing (by weight) :
Troweling Consistency Premixed

Bulk Density (pcf) 136 (2.18 g/cm³)

Cold Modulus of Rupture (psi)
After 300°F (149°C) 450 - 550 (32 - 39 kg/cm²)

Dry Material Required

Use 400 to 500 lbs. (182 to 227 kg.) of mortar per 1000- 9"x4-1/2"x 2-1/2" (228 mm x 144 mm x 64 mm) straight brick for a 1/16" thk (1.6 mm) troweled brick joint

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	72.0
Silica (SiO ₂)	20.7
Iron Oxide (Fe ₂ O ₃)	1.2
Titania (TiO ₂)	3.2
Magnesia (MgO)	0.1
Lime (CaO)	0.1
Alkalis (Na ₂ O+K ₂ O)	2.7

Brand Code: 3638 (Trowel) 3066 (Dip)

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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