



# TECHNICAL DATA

## LO-SET®

### SUPER-DUTY BONDING MORTAR - DRY, AIR-SETTING

Recommended Service Temperature Limit.....	3000°F
Refractoriness Classification.....	SUPER DUTY
Water Required To Obtain	
Troweling Consistency.....	25 - 29%
Approximate Weight Per Ft <sup>2</sup> 1/8" Thick.....	1 ¼ lb
Amount Required	
To Lay 1,000 9" Straight Brick.....	290 - 325 lb
Packaging.....	55 lb bag

BOND STRENGTH	
TEMPERATURE (°F)	MODULUS OF RUPTURE (lb/in <sup>2</sup> )
220	600 - 700
1500	100 - 200
2250	200 - 800
2550	700- 1200
2732	1200- 3700

CHEMICAL ANALYSIS: (Ignited)

Al <sub>2</sub> O <sub>3</sub> .....	40.9%
SiO <sub>2</sub> .....	51.2
Fe <sub>2</sub> O <sub>3</sub> .....	1.7
TiO <sub>2</sub> .....	1.2
CaO .....	0.6
MgO .....	0.3
Alkalies .....	4.1

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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