

# MILBRO REFRACTORIES, INC.

## MILCAST LW 24

A hydraulic setting insulating castable WITH SERVICE LIMIT OF 2400°. Exhibits low thermal conductivity and good strength. Excellent as a working lining. Can be cast or gunned with little change in density or thermal conductivity. Gunning version of MILCAST LW 24 is good to 2400°.

<b>Service Temperature</b>	<b>2400° F</b>
<b>Material Required for Estimating</b>	<b>52 lbs./ft<sup>3</sup></b>
<b>Mixing Water Required</b>	<b>10.0-12.0 qt./50lbs</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	42.4
SiO <sub>2</sub>	30.1
Fe <sub>2</sub> O <sub>3</sub>	1.5
TiO <sub>2</sub>	0.9
MgO	0.4
CaO	13.3
Alkalies	1.4

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in./° F
220°F	500-600	0.1 S	500°F 1.7
1500°F	350-500	0.3 S	1000°F 1.9
2000°F	400-550	0.3 S	1500°F 2.2
2400°F	250-450	0.3 E	2000°F 2.8

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.

