

MILBRO REFRACTORIES, INC.

MILCAST LW 25

A hydraulic setting insulating castable that combines low conductivity with a high service limit. MILCAST LW 25 is an excellent choice for either a back up lining behind dense refractory or as a working lining where slagging, flame impingement or mechanical wear is not extreme.

Service Temperature	2500° F
Material Required for Estimating	55 lbs./ft³
Mixing Water Required	10.0-12.0 qt./50lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	46.9
SiO ₂	34.3
Fe ₂ O ₃	1.3
TiO ₂	0.8
MgO	0.3
CaO	13.3
Alkalies	1.7

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in. ² ° F
220°F	400-600	0.1 S	500°F 1.8
1500°F	250-400	0.5 S	1000°F 2.1
2000°F	200-300	0.3 S	1500°F 2.4
2500°F	300-400	0.7 E	2000°F 3.1

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.