

MILBRO REFRACTORIES, INC.

MILSHOT 60 LC

MILSHOT 60 LC is a 3100°F, mullite based, high strength, low porosity, low cement shotcrete material. Product was developed especially for the cement and lime industries. Mullite based products because of the alumina content and thermal shock properties are excellent in atmospheres where alkali attack takes place. Product has outstanding strengths, and abrasion resistance. Product can be shotcreted or pumped into place. Product typically used in high wear, abrasion areas such as hoods, throat areas, duct work, and sidewalls in cement and lime applications. When shotcreted, a binding agent is added at nozzle. Product is excellent for maintenance patching.

Service Temperature	3100°F
Material Required for Estimating	148 lbs./ft³
Mixing Water Required	7.5-8.5% Refer to Mixing Instruction Page

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	59.88
SiO ₂	34.85
Fe ₂ O ₃	1.14
TiO ₂	1.99
CaO	1.96
MgO	0.09

Temperature °F	Modulus of Rupture, PSI	Cold Crushing Strength, PSI	Linear change %
220°F	1900	8700	0.0
1500°F	3000	9300	0.2 S

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.