

MILBRO REFRACTORIES, INC.

MILSHOT AZ

MILSHOT AZ is an alumina-zircon aggregate based, lower cement shotcrete product. Product designed especially for cement and lime applications. The non-wetting properties does not allow adhering or build up of clinker. Product typically used in the pre-calciner and cooler areas. Areas include risers, feed shelves, cyclones, throat, hood, duct work, and cooler sidewalls. Product can be shotcreted or pumped. When shotcreted, binding agent is added at nozzle.

Service Temperature	3100°F
Material Required for Estimating	164 lbs./ft³
Mixing Water Required	6.5-8.0% Refer to Mixing Instruction Page

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	10.00
Al ₂ O ₃	40.72
SiO ₂	42.18
Fe ₂ O ₃	0.95
TiO ₂	1.37
CaO	4.59

Temperature °F	Modulus of Rupture, psi	Abrasion Resistance g/cc	Linear change %
220°F			0.1 S
1500°F	2800	10.4	0.2 S
2500°F			0.4 S