



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

CERMEX® BK1800SW LOW BIOPERERSISTENCE BLANKET

PHYSICAL CHEMISTRY

Material	Alkaline Earth Silicate Wool
Construction	Needled Blanket

AVERAGE PHYSICAL PROPERTIES

Temperature Limit, °F • °C		
Continuous use	1832 • 1000	
Melting point	2680 • 1471	
Available thicknesses, in • mm	1/4 - 2 • 6.25 - 50	
Color	White	
Width, inches	24, 48	
Density, lb/cu ft • kg/cu m	6, 8 • 96, 128	
Typical Linear Shrinkage, nominal % 24 hrs		
@ 1000°F • 538°C	2	
@ 1800°F • 982°C	3	
@ 2282°F • 1250°C	-	
Thermal Conductivity	°F • °C	BTU•in/hr/°F • w/m•K
	500 • 260	.042 • 0.06
	1000 • 538	.88 • 0.13
	1500 • 816	1.53 • 0.22
	1800 • 982	1.95 • 0.28
Chemical Analysis (%)	Silica, SiO ₂	60-70
	Alumina, Al ₂ O ₃	trace
	Calcium Oxide, CaO	25-35
	Magnesium Oxide, MgO	4-7

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.