



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

CERMEX® BK2200SW LOW BIOPERERSISTENCE BLANKET

PHYSICAL CHEMISTRY

Material	Alkaline Earth Silicate Wool
Construction	Needled Blanket

AVERAGE PHYSICAL PROPERTIES

Temperature Limit, °F • °C

Continuous use 2200 • 1204

Melting point 2730 • 1499

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 -

@ 1800°F • 982°C -

@ 2282°F • 1250°C <2

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, SiO₂ 60-70

Alumina, Al₂O₃ trace

Calcium Oxide, CaO 16-22

Magnesium Oxide, MgO 12-19

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.