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# Data Sheet of

## *Qbloc® MetalTemp*

### Applications:

Qbloc® MetalTemp has high strength as well as exceptional insulation qualities. It can be readily machined into component parts of many shapes and sizes. Uses include parts for the molten aluminum industry.

- Transition plates
- Transition headers`
- Trough liners
- Molten metal Dams

### AVAILABLE FORMS AND SIZES

<b>THICKNESS</b>	½, ¾", 1", 1 ½", 2" (13, 19, 25 ,38, 51)(mm)
<b>SHEETE SIZE</b>	4' x 4' (1.22m x 1.22m) 4' x 8' (1.22m x 2.44m)

### DIMENSION TOLERANCES

<b>LENGTH AND WIDTH</b>	+/- 1/8" (3.2mm)
<b>THICKNESS</b>	+/- 1/8" (3.2mm) Sanded One Side +/- 1/16" (1.6 mm) Sanded Two Sides

Bulk Density(Avg.)	53 pcf (850 kg/m <sup>3</sup> )
Maximum Recommended Continuous Service Temp	1560°F (927°C)
Flexural Strength(Avg.)	1150 psi (6895 kPa)
Compressive Strength @10% deformation(Avg.)	2000 psi (17 MPa)

Thermal Conductivity (Mean Temperature-"K" )			
°F	°C	Btu * in/(hr * ft <sup>2</sup> * °F)	W/m * °K
400	204	1.2	.17
600	315	1.2	.17
800	427	1.2	.17
1100	593	1.2	.17

The information provided in this data sheet does not present guaranteed properties and cannot be used for any warranty claims.