

# 1430 Z-Block

**1430 Z-Block** is made of 1430 ceramic fiber blanket folded to form a module with folded edges exposed .

**Characteristics**

- To be secured with concealed anchor
- Can withstand up to 1430°C(2600°F)
- Greater mechanical strength
- Asbestos free.

**Application**

- Insulation layer in high temperature furnace
- Direct exposure to heat as furnace hot face lining

**Classification temperature**  
**Gas flow velocity resistance**

1430°C (2600°F)  
25m/sec

Bulk Density kg / m<sup>3</sup>

**Standard data**

**Data**

160+/-10  
170+/-10  
190+/-10  
210+/-10

Linear Shrinkage %  
1200°C x 24 hrs

≤ 2

Thermal conductivity ASTM C201  
Kcal/mh<sup>0</sup> C  
(W/mK)  
170kg/m<sup>3</sup>  
mean 600°C  
mean 800°C  
mean 1000°C

=

0.15  
0.19  
0.25

Chemical composition % Al<sub>2</sub>O<sub>3</sub>  
SiO<sub>2</sub>  
ZrO

28.0-34.0  
50.0-54.0  
14.0-18.0

Length 300 mm  
Width 300 mm  
Thickness 250 mm

+ 0 mm - 5 mm  
+ 2 mm - 5 mm  
+ 5 mm - 5 mm

**Available Size** 305 x 305mm, thickness 150mm 200mm 250mm 305mm

Data are average results of standard tests which are subject to variation and should not be used as specification.