



PROPERTIES OF INSULATION MATERIALS

| BRAND | Service Temp °C | Al ₂ O ₃ % (Min.) | Density kg/m ³ (Max.) | Thermal Conductivity W/mK (Max.) |
|------------------------------|-----------------|---|----------------------------------|----------------------------------|
| Hot Face Insu Brick | 1300 | 30 | 900 | 0.35 |
| Cold Face Insu Brick | 1250 | 30 | 800 | 0.29 |
| Hot Face - Kyanite | 1400 | 40 | 1100 | 0.47 |
| Ceramic Fibre Blanket - 128 | 1260 | 45 | 128 | 0.126 |
| Ceramic Fibre Board | 1260 | 45 | 260 | 0.113 |
| Hysil/Calcium Silicate Board | 400 | - | 250 | 0.097 |