



## AL 40

### DESCRIPTION:

An impact dry pressed brick with good strength, spalling and abrasion resistance making it ideal for a wide range of furnace applications.

### APPLICATIONS:

Al 40 brick exhibits good spalling resistance and strength.

### BRICK MARKING CODE:

AL 40

### PROPERTIES:

Bulk Density (kg/m <sup>3</sup> )	2150
Apparent Porosity (%)	<22
Cold Crushing Strength (MPa)	>35
P.L.C.(2 hours @ 1400 <sup>0</sup> C)	0.1 to -0.4
Refractoriness Under Load T <sub>a</sub> (°C)	≥1350

### Typical Chemical Analysis (%)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Alkalies
39.1	54.7	2.3	1.5	0.42	0.36	0.64

This data may be subject to variation due to size and shape, and therefore it should not be used for manufacturing specifications. All testing is to AS1774 where applicable. This is a non-controlled document and before ordering please confirm with intended supplier that the data is current

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