



PRODUCT OVERVIEW

GENERAL DESCRIPTION

An 80% alumina low cement easy-flow castable based on high purity bauxite aggregates. Features excellent properties of very high strength and abrasion resistance coupled with installation versatility allowing the material to be vibration cast, conventionally cast or pumped with slight adjustments to the tempering water content. Maximum service temperature of 1700°C.

APPLICATION

Water required for mixing:
Vibration casting: 4.5–5.5%
Hand mixing: 5.0–7.0%

Net Quantity of Dry Material Required for Placement (kg/m³) 2750

SHELF LIFE

Twelve months.

**HEALTH AND SAFETY
PRECAUTIONS**

No health hazards associated in normal use. It may be slightly abrasive and alkaline to a delicate skin. It requires no special storage. Small spillages may be cleaned by any convenient method. Use standard dust and skin protection. See MSDS for details.

APPROXIMATE THERMAL CONDUCTIVITY

°C	200	400	600	800	1000	1200	1400
W/mK	3.16	2.86	2.63	2.45	2.32	2.25	2.23

TYPICAL CHEMICAL ANALYSIS (%)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	MgO	Alkali
83	11	12	2.8	2.2	0.1	0.2

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