



CASTFLO® AC 1450 AR



Product Description

A standard duty, abrasion resistant dense refractory castable.

Typical Product Data

Service Limit (°C)	1450	Aggregate	Chamotte
Recommended (Min %) Water Addition (Max %)	10.6 12.4	Installation by	Casting
Max Grain Size (mm)	8		

Typical Properties After Heating

	110°C	1000°C	1400°C
CCS (Mpa)	40.0	20.0	45.0
BD min (kg/m³)	1950	1865	1885
max (kg/m³)	2100	2015	2035
PLC (%)	±0.2	-0.3	-0.6
MOR (Mpa)	7		

Typical Chemical Properties

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	TiO ₂	Alkali
44.9	44.1	0.8	6.5	1.8	0.3
<i>Thermal Conductivity</i>			0.94	<i>W/mK @ 1000 °C</i>	
<i>Shelf Life</i>			12	<i>Months</i>	
<i>Standard Packaging</i>			25 Kg Paper Bags		

Important Product Notes

Formerly Known as 1450 ARCF

Mixing time at least 4 mins. QC testing performed to AS 1774.

Water % used for QC Testing **11.5**

The published statistical data does not constitute a specification. Data is generated from production QC testing and is subject to variation.

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