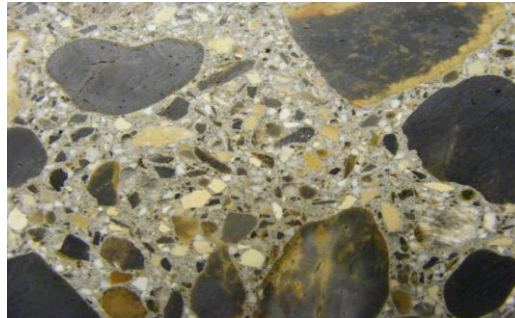


MIGHTYAGG ALR2

MightyAgg ALR2 is an extremely coarse grained castable formulation which combines high strength and erosion resistance with exceptional thermal shock resistance. It is non-wetting to Aluminium Alloys even at high furnace temperatures. This product can only be supplied in the form of Pre-Cast Shapes

MAXIMUM SERVICE TEMPERATURE (M.S.T.) 1400°C



↑
↓
20mm

MIXING WATER 3.4 – 3.8%

BULK DENSITY

Dried to 110°C	180 - 186 lbs/ft ³	2885 - 2980 Kg/m ³
Fired to 815°C	177 - 183 lbs/ft ³	2835 - 2930 Kg/m ³

COLD CRUSHING STRENGTH

Fired to 815°C	18000 - 25000 Psi	1240 - 1725 Kg/cm ²
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PERMANENT LINEAR CHANGE

110-815°C	0.0 TO -0.20 %
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EROSION RESISTANCE @815°C

4.0cc Max (2.6cc Typical)

MAXIMUM GRAIN SIZE

30mm

PERCENTAGE OF GRAINS ABOVE 2mm

>56 %

POROSITY @815°C

10-13 %

CONDUCTIVITY OR "K" FACTOR

MEAN TEMP	BTU/FT ² /Hr/°F/in	W/mK
@ 1095°C	13.8	2.0

TYPICAL CHEMICAL ANALYSIS (%)

AL ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	AlK	BaSO ₄
81.5	7.4	0.9	2.0	0.2	2.4	0.2	3.9

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet