



Insulbond AL is an excellent trowelling material, specially designed for Aluminium contact application. It has a short setting time, typically 30 minutes, to enable fast turn-around repairs to be carried out.

Characteristics

Bond Type	Hydraulic
Raw Material Base	Calcined Chamotte
Maximum Service Temperature °C	1400
Refractoriness °C (Seger Cone)	1690 (31)
Bulk Density kg/m ³ Dried to 110°C	1900
Net Material Required Cast (Gunned) kg/m ³	1800 (n/a)

Physical Properties

Test Temperature °C	Cold Crushing Strength N/mm ²	Permanent Linear Change %
110	20	nil
800	23	-0.2
1000	21	-0.3
1300	20	-0.3

Thermal Conductivity at mean temp. 600°C (W/mK)	0.72
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Chemical Analysis	(%)
Al ₂ O ₃	47
SiO ₂	44
CaO	5.4
Fe ₂ O ₃	0.7
Cr ₂ O ₃	-
SiC	-
P ₂ O ₅	-
MgO	-

Water Addition	
% by weight	18-20
Litres/25kgs	4.5-5.0

Samples Prepared By : Hand Casting

Reference No.

The above data is determined by regular sample testing in accordance with British Standard 1902 (where applicable). Because normal manufacturing tolerances apply, the data should not be taken as a precise specification.

Your local contact :-



ISO 9002 Approved

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