



AUGUST 2018
PRODUCT DATA SHEET

ARDEX FINE AGGREGATE

Fine 1 to 1.5mm aggregate for sand blinding

ARDEX Fine Aggregate is a dry, pre-packed fine Aggregate for fully blinding ARDEX products.

Type	Washed and graded dry silica sand
Source	Leighton Buzzard, Bedfordshire
Geology	Lower Greensand of the Cretaceous Period
Composition	Quartz
Grain Shape	Sub Angular to Rounded



Reg No. FM 01207

EMS 565427

OHS 628374

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ARDEX FINE AGGREGATE

Fine 1 to 1.5mm aggregate for sand blinding

Mechanical Analysis

Sieve Size	Typical Grading % Retained	% Cumulative Retained	Specification
1.18	Trace	Trace	0-0.5
1.00	1.0	1.0	0-5
0.85	21.5	22.5	10-40
0.71	30.5	53.0	25-90
0.60	35.0	88.0	75-100
0.50	10.0	98.0	95-100
0.425	1.5	99.5	99-100
			Specification in bold

Colour	Yellow or White
Specific Gravity	2.65
Uncompacted Bulk Density	1.56
Nominal Effective Size	0.54-0.71
Uniformity Co-efficient	<1.4

Chemical Analysis – 16/30 Yellow		%
Silica	SiO ₂	98.29
Alumina	Al ₂ O ₂	0.31
Titania	TiO ₂	0.02
Iron	FE ₂ O ₃	1.29
Magnesium	MgO	<0.01
Calcium	CaO	<0.01
Sodium	Na ₂ O	<0.01
Potassium	K ₂ O	0.00
Phosphate	P ₂ O ₅	<0.01
Manganese	MnO ₂	<0.005
Chromium	Cr ₂ O ₃	0.0002
Loss on Ignition	L on I	0.18
The above figures only relate to one specific test		

Chemical Analysis – 16/30 Yellow		%
Silica	SiO ₂	99.39
Alumina	Al ₂ O ₂	0.19
Titania	TiO ₂	0.02
Iron	FE ₂ O ₃	1.10
Magnesium	MgO	<0.01
Calcium	CaO	<0.01
Sodium	Na ₂ O	<0.01
Potassium	K ₂ O	0.03
Phosphate	P ₂ O ₅	<0.01
Manganese	MnO ₂	<0.006
Chromium	Cr ₂ O ₃	0.02
Loss on Ignition	L on I	0.13
The above figures only relate to one specific test		

Pack size: 25kg

TECHNICAL ADVICE HELPLINE
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