

AGGREGATE INDUSTRIES

Specialist silica sands

Garside Sands™ RailGrip 2EW



A dried silica sand.

Applications

- Synthetic sports pitches
- Traction sand
- Brick manufacture

Sectors

- Sports and leisure
- Transport
- Industrial and manufacturing

Available in

- Loose: both bulk pressurised tankers and tippers
- Bulk bags (tote)
- 25kg and 12.5kg poly bags

Mechanical analysis

Sieve size (mm)	Average % passing	Specification
1.00	100	100
0.71	96	90-100
0.50	47	
0.355	10	0-20
0.25	1	0-10
0.18	0	0-5

Colour	Brown
Specific gravity	2.65
Uncompacted bulk density	1.56 t/m ³
Nominal effective size	0.25-0.39mm
Uniformity coefficient	<1.7mm
pH	7.0



NOTE:

Gradation figures stated are indicative value, for specific grading values please contact Aggregate Industries Technical Department.

Garside ProSport 2EW

Size range:	0.71-0.25mm
Source:	Leighton Buzzard, Bedfordshire
Geology:	Lower Greensand of the Cretaceous period
Composition:	Quartz
Grain shape:	Sub angular to rounded

Garside Sands™ RailGrip 2EW

Manufacturing standard

All aggregate Industries products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

Chemical analysis

Chemical analysis		%
Silica	SiO ₂	91.74
Alumina	Al ₂ O ₃	0.03
Titania	TiO ₂	0.07
Iron	FE ₂ O ₃	6.287
Magnesium	MgO	0.03
Calcium	CaO	0.049
Sodium	Na ₂ O	0.02
Potassium 0.069	K ₂ O	0.069
Phosphate 0.01	P ₂ O ₅	0.01
Chromium 0.001	Cr ₂ O ₃	0.001
Manganese <0.005	MnO ₂	<0.005
Loss on ignition @ 1000°C	L on I	1.3

The above figures only relate to one specific test.

Sustainability and local sourcing

Energy use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

Recyclable: 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location: produced in the UK, with locally sourced materials under strict environmental and social legislation.

Responsible sourcing: Aggregate Industries is the first company in the world to achieve a BES 6001:2008 Responsible Sourcing Certificate from BRE Global.

Products are assed on:

- quality management
- environmental management
- health and safety management
- greenhouse gas emissions
- minimising raw material usage
- labour practice
- biodiversity
- community engagement

Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our

Website: www.aggregate.com

COSHH data

Full COSHH data on Garside Sands products is available on request. Please call the Technical helpline on 01525 237911.

Technical support

Detailed guidance and assistance with the preparation of specification and use of Levenseat Sands products is available through the sales offices. A free technical service is also available.

Please call Levenseat Sands technical services on 01698 870970.

Levenseat Specialist Sands, Levenseat Quarry,
Fauldhouse, West Lothian EH47 9AD

T: 01525 237911

F: 01525 237991

E: garside.sands@aggregate.com

W: www.aggregate.com


AGGREGATE
INDUSTRIES

 A member of
LafargeHolcim

The information contained within this publication was accurate at time of production. However, Aggregate Industries reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products in connection with any information or advice contained in this guide.