



# GARSDIE SANDS 2EW SAND



A dried silica sand compliant with FIFA and RLF recommendations when used as either a performance or stabilizing infill.

## 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

## SIZE RANGE

0.71 – 0.25mm

## SOURCE

Leighton Buzzard, Bedfordshire

## COMPOSITION

Quartz

## GRAIN SHAPE

Sub angular to rounded

## MECHANICAL ANALYSIS

Sieve size (mm)	Grading Limits % passing
1.0	100
0.800 (D)	90-100
0.630	-
0.500	-
0.315 (d)	0-28
0.200	0-10
Particle Density	2.74 Mg/m <sup>3</sup>
Uncompacted bulk density	1.54 Mg/m <sup>3</sup>
Typical Permeability (Infill only)	>1500mm/h

### NOTE:

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

Sand is a naturally occurring product, therefore colour may vary.

## MANUFACTURING STANDARD

All Aggregate Industries products are manufactured in accordance with ISO 9001 with factory compliance to BS EN 16236: 2018

## CHEMICAL ANALYSIS

Chemical analysis		%
Silica	SiO <sub>2</sub>	97.35
Alumina	Al <sub>2</sub> O <sub>3</sub>	1.07
Titania	TiO <sub>2</sub>	0.12
Iron	FE <sub>2</sub> O <sub>3</sub>	0.27
Magnesium	MgO	0.03
Calcium	CaO	<0.01
Sodium	Na <sub>2</sub> O	<0.02
Potassium	K <sub>2</sub> O	0.37
Phosphate	P <sub>2</sub> O <sub>5</sub>	<0.01
Sulfur	SO <sub>3</sub>	<0.01
Manganese	Mn <sub>2</sub> O <sub>3</sub>	0.02
Barium	BaO	0.01
Loss on ignition @1000°C	L on I	0.2

The above figures only relate to one specific test.

## SUSTAINABILITY AND LOCAL SOURCING

**ENERGY USE AND GREENHOUSE GAS EMISSIONS:** Aggregate Industries is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

**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, under strict environmental and social legislation.

**RESPONSIBLE SOURCING:** Aggregate Industries is the first company in the world to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Aggregate Industries has achieved a 'Good' rating for major product groups. The BES 6001 standard assesses:

- ▶ 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](http://www.aggregate.com).

## COSHH DATA

Full COSHH data on Garside Specialist Sands products is available on request. Please call **01525 237911** for more information.

## TECHNICAL SUPPORT

Further information and technical guidance is available through the sales office. **Please call Garside Sands Specialist technical services on 01525 237911 Option 3**