



# GARSDIDE 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

## SPECIFICATION

SIEVE SIZE (mm)	SPECIFICATION
1.0	100
0.800 (D)	90-100
0.630	-
0.500	-
0.315 (d)	0-28
0.200	0-10

COLOUR	BROWN
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

- ▶ **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

## CHEMICAL ANALYSIS

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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	MnO <sub>2</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 & 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, with locally sourced materials under strict environmental and social legislation, for local supply.

**CIRCULAR ECONOMY:** We will maximise reuse and recycle, with zero waste to landfill. We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

**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 'Very 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

## MANUFACTURING STANDARD

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

## 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 is available on request. Please call **01698 870970** for more information.

## TECHNICAL SUPPORT

Detailed guidance and assistance for specification and use of aggregate products is available through the sales office. A free technical service is also available. For further information, please refer to our technical services on **0845 600 0860**.

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