

# GARSDIE SANDS WASHED FINE SILICA SAND



A free draining washed fine silica sand which is pale in colour.

## APPLICATIONS

- ▶ Equestrian
- ▶ Outdoor play areas
- ▶ Jumping pits
- ▶ Heritage lime mortars.

## SECTORS

- ▶ Industrial and manufacturing.
- ▶ Sports and leisure.

## AVAILABLE IN

- ▶ Loose: both bulk pressurised tankers and tippers
- ▶ Bulk bags (tote)

## SPECIFICATION

SIEVE SIZE (mm)	SPECIFICATION
2.36	100
1.18	95 - 100
0.50	85 - 100
0.25	-
0.150	-
0.063	0 - 10

COLOUR	PALE YELLOW*
Specific gravity	2.65
Uncompacted bulk density	1.4 t/m <sup>3</sup>
Texture	Fine
Properties	Clean and Free-draining

- ▶ **Source:** Leighton Buzzard, Bedfordshire
- ▶ **Geology:** Lower Greensand of the Cretaceous period
- ▶ **Composition:** Quartz
- ▶ **Grain shape:** Sub angular to rounded

## CHEMICAL ANALYSIS

CHEMICAL ANALYSIS		%
Silica	SiO <sub>2</sub>	94.6
Alumina	Al <sub>2</sub> O <sub>3</sub>	1.52
Titania	TiO <sub>2</sub>	0.33
Iron	FE <sub>2</sub> O <sub>3</sub>	1.20
Magnesium	MgO	0.11
Calcium	CaO	0.07
Sodium	Na <sub>2</sub> O	0.66
Potassium	K <sub>2</sub> O	0.61
Loss on ignition @ 1000°C	L on I	0.93

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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