

# GARSDIE SANDS 2EW SAND



**Garside Specialist Sands 2EW is a high quality, 0.71-0.25mm technically graded material, typically composed of a high silica content. A natural sand, consisting of sub-angular to rounded particles, produced in a quality controlled environment in accordance with ISO 9001, possessing a highly consistent particle range. This uniformity makes it desirable for applications that require reliable permeability, high mechanical strength, and predictable void space. Primarily used as either a performance or stabilizing infill 2EW is compliant with FIFA and RLF recommendations.**

## FEATURES & BENEFITS

- ▶ **Performance and durability:** The sand helps to keep the grass fibres upright, maintaining good performance. This enhances comfort and mimics the playability of natural grass. Silica sand protects the turf from wear and tear.
- ▶ **Stability and Safety:** Silica sand offers excellent stability underfoot, reducing the risk of unnecessary injuries for players. The sand provides the necessary weight to keep the artificial turf securely in place, preventing wrinkles and folds that could cause tripping hazards.

- ▶ **Drainage:** Sand-filled synthetic pitches are used in all weather conditions. The sand infill aids in efficient drainage, preventing waterlogging and promoting a more resilient surface. It does not encourage weed growth, reducing the need for maintenance.

## APPLICATIONS

- ▶ Synthetic sports pitches
- ▶ Traction sand
- ▶ Brick manufacture
- ▶ Industrial and manufacturing

## AVAILABLE IN

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

## SPECIFICATION

- ▶ 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

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## TECHNICAL DATA

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

<b>Colour</b>	Brown
<b>Particle Density</b>	2.74 Mg/m <sup>3</sup>
<b>Uncompacted bulk density</b>	1.54 Mg/m <sup>3</sup>
<b>Typical Permeability (Infill only)</b>	>1500mm/h

## 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
Chromium	Cr <sub>2</sub> O <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.

# GARSDIE SANDS 6/14 SAND



## SUSTAINABILITY & LOCAL SOURCING

### Energy use and greenhouse gas emissions

Holcim UK 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

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

**Holcim UK 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.

## POLICIES

Holcim UK policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.holcim.co.uk](http://www.holcim.co.uk).

## COSHH DATA

Full COSHH data is available on request. Please call **01698 870970** for more information.

## MANUFACTURING STANDARD

All Holcim UK products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

## 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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