

## Product Information | Recycled Glass Sand



### Overview

Our Recycled Glass Sand is collected as part of the City of Greater Bendigo's kerbside recycling initiative and is taken to a local material recovery facility where the recyclable materials are separated and forwarded on for reuse.

As a part of this process there is a quantity of material that can't be separated and is largely made up of mixed and broken glass. This glass is unsuitable for remanufacturing so it is sent to ASQ where we crush, screen and grade the glass down to a 4.75mm sand product which meets VicRoads specifications. As a part of this process we are also able to remove materials such as plastics, timber, metals.

Our Recycled Glass Sand is then passed on to commercial customers who primarily utilise the product by adding it to asphalt mixes and using it as bedding sand for various applications.

### Applications and uses

- Sand substitute
- Additive for concrete mixes
- Additive for asphalt mixes
- Abrasive for paint blasting

### Benefits of use

- Locally sourced product
- Supports circular economy
- Cost effective option
- Readily available
- Raw material alternative

### Why customers love this product



Cost effective



Locally sourced



Light weight



Eco friendly



**SOIL QUALITY REPORT**

*Client:* ASQ Newbridge  
*Address:* Wimmera Hwy  
Newbridge Vic

*Job No.*  
*Report No.* ASQ-18-194S  
*Test Request No.*

*Project:* Production Testing

*Sample No.* S194-18

*Client Reference:*  
*Sample Source:* ASQ Eaglehawk  
*Sampling Location:* Stockpile  
*Depth of Sample:* *Nomin. Size:*  
*Sample Description:* Glass Sand

*Lot No.*  
*Sampling Method:* AS 1141.3.1  
*Clause:* 9.3  
*Date Sampled:* 9/05/2018

**ATTERBERG LIMITS & LINEAR SHRINKAGE**

**SAMPLE HISTORY:** Oven Dried (45-50 deg C), Dry Sieved

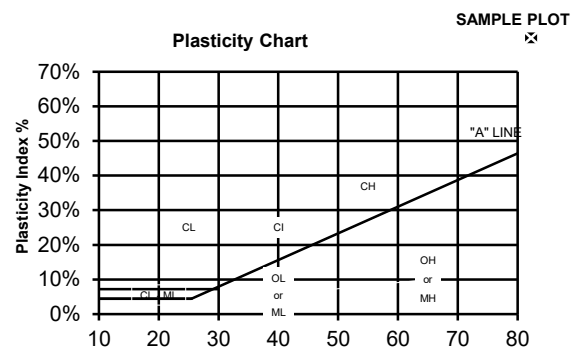
Test Methods:

**Liquid Limit:**  
**Plasticity Index:**  
**Plastic Limit:**

**Linear Shrinkage:**  
**Moisture Content:**

RESULTS

**LIQUID LIMIT:**  
**PLASTIC LIMIT:**  
**PLASTICITY INDEX:**  
**LINEAR SHRINKAGE:**  
**PI X 0.425mm SIEVE:**  
**Linear Shrinkage Remarks:**



**PARTICLE SIZE DISTRIBUTION**

Liquid Limit %

**SAMPLE HISTORY:** Oven Dried (105-110 deg C), -19.0mm Washed  
**Test Method:** AS1289.3.6.1

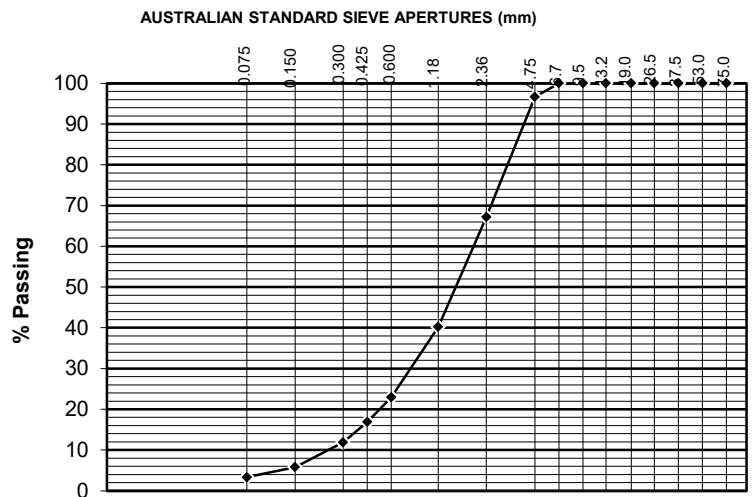
Grading Envelope

SIEVE SIZE (mm)	Lower Limits	% PASSING (by mass)	Upper Limits
75.0		100	
53.0		100	
37.5		100	
26.5		100	
19.0		100	
13.2		100	
9.5		100	
6.7		100	
4.75		97	
2.36		67	
1.18		40	
0.600		23	
0.425		17	
0.300		12	
0.150		6	
0.075		3	

gravel 32.8%

sand 63.8%

silt/clay 3.3%



**EMERSON CLASS NUMBER**

**EMERSON CLASS NUMBER:**

**Test Method:**

**TYPE OF WATER:**  
**TEMP. OF WATER:** °C

**Natural moisture content of sample (%) :**

**Tested By:** Darryl Astall **Date Tested:** 09/05/18  
**Approved By:** Kelvin Nicholson **Issued:** 09/05/18

NATA Accreditation No: 16908

**Remarks.**



Accredited for compliance with ISO/IEC 17025 - Testing

APPROVED BY .....