

Product Information | Recycled Gypsum



Overview

Our Recycled Gypsum is made from locally sourced plasterboard and provides customers with high quality, sustainable and cost effective gypsum.

The plasterboard is sourced from local demolition sites and surplus from construction projects across Victoria and beyond.

The product is crushed, screened and quality checked at our recycling plant located in Eaglehawk, where it is then passed on to commercial customers who require bulk loads of gypsum.

Recycled Gypsum is commonly used for breaking up clay soils, as a soil conditioner and changing the soil structure for domestic, commercial and agricultural applications.

Application benefits

- Improves water infiltration
- Breaks up heavy clay soils
- Assists root growth
- Natural source of calcium and sulphur

Benefits of use

- Locally sourced product
- Supports circular economy
- Cost effective option
- Natural product
- Readily available

Why customers love this product



Natural mineral



Eco friendly



Cost effective



Improves soil health



Locally sourced





Total Elemental Analysis

Sample Drop Off: 18 Chilvers Road
Thornleigh NSW 2120

Tel: 1300 30 40 80
Fax: 1300 64 48 89

Mailing Address: PO Box 357
Pennant Hills NSW 1715

Em: info@sesl.com.au
Web: www.sesl.com.au

Tests are performed under a quality system certified as complying with ISO 9001:2008. Results and conclusions assume that sampling is representative. This document shall not be reproduced except in full.

Batch N°: 47686	Sample N°: 1	Date Received: 30/4/18	Report Status: <input type="radio"/> Draft <input checked="" type="radio"/> Final
Client Name: ASQ Garden & Landscape	Project Name: Soil Blend Investigation		
Client Contact: Keith Bell	SESL Quote N°:		
Client Order N°:	Sample Name: Soil Blend		
Address: PO Box 358 Eaglehawk VIC 3556	Description: Soil		
	Test Type: pHEC_S, Ca_AD, S_AD, M9_s, M9_AD		

Category	Element	Results:	Comments
Major Elements %	Nitrogen (N)	-	
	Phosphorus (P)	-	
	Potassium (K)	-	
Minor Elements %	Calcium (Ca)	18	Acceptable
	Magnesium (Mg)	-	
	Sulphur (S)	13.6	Acceptable
	Sodium (Na)	-	
	Chloride (Cl)	-	
Trace Elements mg/kg	Iron (Fe)	-	
	Manganese (Mn)	-	
	Zinc (Zn)	16.9	Acceptable
	Copper (Cu)	3.81	Acceptable
	Boron (B)	-	
Heavy Metals mg/kg	Molybdenum (Mo)	-	
	Arsenic (As)	<5	Acceptable
	Cadmium (Cd)	0.124	Acceptable
	Cobalt (Co)	-	
	Chromium (Cr)	2.5	Acceptable
	Lead (Pb)	<5	Acceptable
	Mercury (Hg)	<0.3	Acceptable
	Selenium (Se)	<5	Acceptable
	Nickel (Ni)	9.88	Acceptable
Silver (Ag)	-		

Summary and Recommendations

pH(in water): 8.9
EC: 2.6

This soil sample was tested for pH, EC, sulphur, calcium and contaminate testing for 9 metals (Ar, Cd, Cr, Pb, Hg, Se, Ni, Zn & Cu) in order to determine its suitability as an input into a soil blend.

Calcium and sulphur levels are adequate. All metal contaminants are below maximum thresholds. Salinity is extremely high this could be attributed to the high levels of sulphur in the material, as sulphur is non-toxic to plants this is not of concern. The pH is also slightly high.

This gypsum is of good quality with no concerns of heavy metals.

Consultant:
Stephen Cox

Checked by:

D. McDonald

Declan McDonald

Date Report Generated 14/05/2018

Results given on a dry weight basis unless otherwise stated.

Explanation of the Methods:

N: Leco Furnace or Kjeldahl.

Heavy Metals: Multi acid digest - AAS, ICP or CVAP finish.

Major, Minor & Trace Elements by HCl or Aqua Regia digest - AAS finish.