

**Product Name: Winter Quartz**

**Hardness Value: 7**

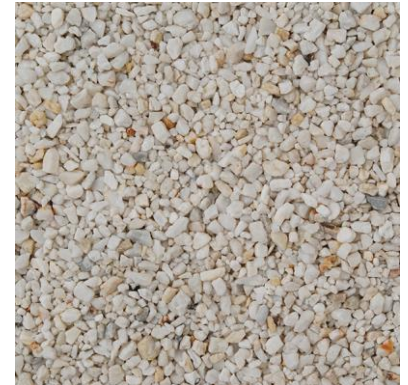


**Shape: Angular**

**Size: 2-5mm**

## Product Description

Washed and dried white/beige coloured particles of crushed quartz.



## Petrology

Quartz /minor kaolinised granite.

## Grading Analysis

Sieve Size	% Retained	% Passing	Range
6.30		99.8	>95
4.75		97	>90
3.35		43	30-60
2.36		4	<10
1.18		<0.2	<2

## Chemical Analysis (Typical)

Properties	Value
Aggregate Abrasion Value - AAV	0.6
Aggregate Crushing Value - ACV	24
Aggregate Impact Value - AIV	49
Hardness (Mohs)	7
Magnesium Sulphate Soundness (%)	13
Polished Stone value (est) - PSV	54
Skid Resistant Value - SRV	65
Specific Gravity	
Relative Density (Sat. Surface Dried - SSD)	2.58
Relative Density (Apparent) – AP	2.62
Oil Absorbtion (% by weight)	0.9
10% Fines Value (Kn)	
Risk of iron staining (Estimate only) – RIS	**
Los Angeles Coefficient	38
Performance Scale	3

## Physical Analysis

Element	%
Aluminium (Al <sub>2</sub> O <sub>3</sub> )	0.13
Calcium (CaO)	0.01
Calcium Carbonate (CaCO <sub>3</sub> )	
Iron (Fe <sub>2</sub> O <sub>3</sub> )	0.01
Magnesium (MgO)	0.03
Magnesium Carbonate (MgCO <sub>3</sub> )	
Manganese (MnO)	0.01
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	0.02
Potassium (K <sub>2</sub> O)	<0.01
Silica (SiO <sub>2</sub> )	99.24
Sodium (Na <sub>2</sub> O)	<0.05
Sulphate (So <sub>3</sub> )	<0.01
Titanium (TiO <sub>2</sub> )	0.02
Loss on Ignition	0.30