



**Product Information Sheet  
2EW SAND**

**Mechanical Analysis**

Sieve Size	Typical Grading % Retained	% Cumulative Retained	Specification
1.00	Trace	Trace	0-0.5
0.71	2.5	2.5	0-10
0.60	19.5	22.0	5-45
0.50	27.5	49.5	30-70
0.355	35.5	85.0	60-95
0.25	11.5	96.5	90-100
0.18	3.0	99.5	95-100

**Chemical Analysis**

Silica	SiO <sub>2</sub>	91.74%
Alumina	Al <sub>2</sub> O <sub>3</sub>	0.03%
Titania	TiO <sub>2</sub>	0.07%
Iron	Fe <sub>2</sub> O <sub>3</sub>	6.287%
Magnesium	MgO	0.03%
Calcium	CaO	0.049%
Sodium	Na <sub>2</sub> O	0.02%
Potassium	K <sub>2</sub> O	0.069%
Phosphate	P <sub>2</sub> O <sub>5</sub>	0.01%
Manganese	MnO <sub>2</sub>	<0.005%
Chromium	Cr <sub>2</sub> O <sub>3</sub>	0.001%
Loss on Ignition	L on I	1.3%

**Physical Properties**

Specific Gravity	2.65
Colour	Brown
Uncompacted Bulk Density	1.56
Nominal Effective Size	0.25-0.39
Uniformity Co-efficient	<1.7
Particle Shape	Sub Angular to Rounded
pH	7