

RESINKOTE | TECHNICAL DATA SHEET

Autumn Quartz

Washed and dried, uniformly yellow/golden coloured particles of crushed quartz.



Material profile

Size	1-3 mm
Risk of Staining (RIS)*	★★
Shape	Angular
Hardness Value	7
Rock Type	Quartz

Grading analysis

Sieve Size	% Passing	Range
5.00mm	100	100
3.35mm	97	90-100
2.36mm	52	50-70
1.18mm	0	<15
1.60mm	0	<2

Physical analysis

Property	Value
Aggregate Abrasion Value (AAV)	0.6
Aggregate Crushing Value (ACV)	24
Aggregate Impact Value (AIV)	49
Hardness (Moh)	7
Magnesium Sulphate Soundness %	13
Polished Stone Value (est) (PSV)	54
Skid Resistant Value (SRV)	65
Specific Gravity	
Relative Density (Sat. Surface Dried SSD)	
Relative Density (Apparent) (AP)	
Oil Absorption (% by Weight)	
10% Fines Value (Kn)	
Risk of Iron Staining (est) (RIS)	★★
Performance Scale	3

Chemical analysis (typical)

Element	%
Aluminium (Al ₂ O ₃)	0.19
Calcium (CaO)	0.01
Calcium Carbonate (CaCO ₃)	0
Iron (Fe ₂ O ₃)	0.18
Magnesium (MgO)	0.03
Magnesium Carbonate (MgCO ₃)	0
Manganese (MnO)	<0.01
Phosphorus (P ₂ O ₅)	<0.01
Potassium (K ₂ O)	0.01
Silica (SiO ₂)	99.13
Sodium (Na ₂ O)	<0.05
Sulphate (SO ₃)	<0.01
Titanium (TiO ₂)	0.02
Loss of Ignition	0.4

Risk of Staining (RIS)*

★ No likelihood of any rust staining.

★★ No previous recorded instances of rust staining within this product.

★★★ Potential for rust staining within this rock type with recorded instances.

Need product or specification support?

Practical advice and project support across Australia.

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