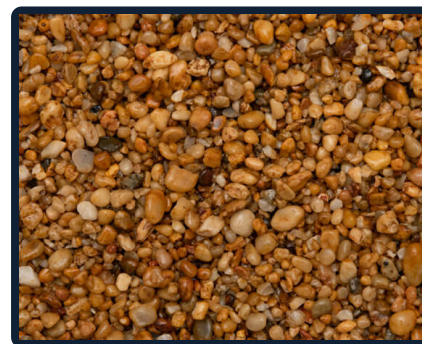


RESINKOTE | TECHNICAL DATA SHEET

Dorset Gold

A light gold coloured rounded quartzite.



Material profile

Size	2-5 mm
Risk of Staining (RIS)*	★★
Shape	Rounded
Hardness Value	7
Rock Type	Quartzite

Grading analysis

Sieve Size	% Passing	Range
8.00mm	100	100
6.30mm	91	80-100
4.75mm	62	20-90
3.35mm	29	5-55
2.36mm	4	0-10

Physical analysis

Property	Value
Aggregate Abrasion Value (AAV)	1.7
Aggregate Crushing Value (ACV)	19
Aggregate Impact Value (AIV)	21
Hardness (Moh)	7
Magnesium Sulphate Soundness %	5
Polished Stone Value (est) (PSV)	
Skid Resistant Value (SRV)	
Specific Gravity	
Relative Density (Sat. Surface Dried SSD)	2.62
Relative Density (Apparent) (AP)	2.65
Oil Absorption (% by Weight)	
10% Fines Value (Kn)	
Risk of Iron Staining (est) (RIS)	★★
Performance Scale	

Chemical analysis (typical)

Element	%
Aluminium (Al ₂ O ₃)	1.87
Calcium (CaO)	<0.01
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	1.8
Magnesium (MgO)	0.28
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	0.05
Phosphorus (P ₂ O ₅)	0.02
Potassium (K ₂ O)	0.25
Silica (SiO ₂)	93.71
Sodium (Na ₂ O)	<0.02
Sulphate (SO ₃)	<0.02
Titanium (TiO ₂)	0.06
Loss of Ignition	0.9

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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