

## Civil Engineering & Construction Materials

### Construction Fill Sand



#### Macka's Fill Sand

Macka's Fill sand is extracted directly from our clean dune deposit and sold in applications where bulk fill is required; essential for civil engineering construction in numerous applications. Because of its consistent grading and size the Macka's fill sand interlocks easily to create competent fill layers within road construction.

Macka's Fill Sand				
Material Properties				
Method	Property		Specification	Comments
	Grading			
AS1141.11.1	Sieve (mm)	% Pass		
	1.18 mm	100		
	0.600 mm	100		
	0.425 mm	95		
	0.300 mm	50		
	0.150 mm	1		
AS1141.12	0.075mm	0.2		
AS1141.4	Bulk Density (Loose)	1.48 T/m <sup>3</sup>	>1.2 T/m <sup>3</sup>	Typical
	Bulk Density (Compacted)	1.61 T/m <sup>3</sup>	-	Typical
AS1289.4.1.1	Organic Matter	0.1	<0.5	Pass
AS 1289.4.3.1 – 1997	pH	6.1	>5 for concrete	Very slightly Acidic

*Please Note: The information provided in this product guide should be used as a guide only. For further details or for design and application support, please contact us.*

*Macka's Sand and Soil:*

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