

## Civil Engineering & Construction Materials


### Render Sand



#### Macka's Washed Sand:

Macka's washed sand is extracted directly from our clean dune deposit and produced through a customised screening operation, then washed to ensure consistent ongoing quality and consistency. It provides a reliable sand for render use with the addition of builder's clay etc, based upon required workability.

Macka's Washed Sand – Before any clay addition				
Material Properties				
Method	Property		Specification	Comments
	Grading / Detail	Result		
AS1141.11.1	Sieve (mm)	% Pass		Single sized grading predominantly retained on the 300um and 150um sieves.
	1.18 mm	100		
	0.6 mm	100		
	0.425 mm	94		
	0.3 mm	48		
	0.15 mm	1		
	0.075mm	0		
RMS T109	Plasticity Index (PI)	Non Plastic	$PI \leq 6$	
AS1141.4	Bulk Density (Loose)	1.49 T/m <sup>3</sup>	-	
	Bulk Density (Compacted)	1.61 T/m <sup>3</sup>	-	
AS1141.5	Particle Density (App)	2.64		
	Particle Density (Dry)	2.62		
	Particle Density (SSD)	2.63		
	Water Absorption	0.3%	-	
AS1141.33	Clay and Fine Silt	Nil	-	
AS1141.35	Sugar	Nil	-	



*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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