

Mortar Sand

Electronic Blueprint and ENVIROSPEC provide building specifications, details and training on safe and sustainable buildings to architects, engineers and builders.

Mortar sand should be well graded with a minimum of fine content, silt and clay passing the 75 micron sieve. This is to minimise mortar shrinkage and to maximise bond strength. The following specification is considered to be suitable.



Sand

Sand shall be well graded and free from salts, vegetable matter and impurities. Sand shall not contain more than 10% of the material passing the 75 micron sieve. Sand within the following grading limits complies with this requirement and is deemed suitable for concrete masonry.

Sieve	Percent Passing
4.76 mm	100
2.36 mm	95–100
1.18 mm	60–100
600 µm	30–100
300 µm	10–50
150 µm	0–10
75 µm	0–4

For further details of electronic specifications or the ENVIROSPEC Protocol - www.electronicblueprint.com.au



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