

RESIN BOUND PAVING – MIX GUIDELINES

The choice of stone depends on location, loading, permeability requirements and aesthetics. It can be sourced directly from specialist suppliers or through Optus.

Patterns and design effects are possible using combinations of stone and when used with other forms of surfacing.

The following are approximate quantity requirements for resin bound systems:

		WEIGHT/m ²			
Grading(mm)	Stone or glass	Resin			
		4%	5%	6%	8%
6-10 stone	1.55D	0.065D			
1-3,3-6,1-6 stone	1.60D	0.067D	0.084D		
0.3-6 stone	1.7D			0.109D	
2-5 glass	1.35D				0.117D

D = depth of surfacing in mm

The weight of stone may vary considerably depending on grading and when additional finer material is used to give a closer graded mix. The weight of resin must be increased with a higher fines content and the mixing method becomes critical (vertical paddle mixer).

The specific gravity of glass varies and the formula should be used only as a general guide.