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SUMMARY TABLE 1.0

REQUIREMENTS FOR 20mm ETERPAN FLOORING (N/A = Not appropriate)				
Loadings	Joist Spacing (mm)			
	300	400	450	600
Residential (2.0kPa, 1.8kN)	1 layer	1 layer	1 layer	1 layer
Office (2.5kPa, 2.7kN)	1 layer	2 layers	2 layers	2 layers
Garage (2.5kPa, 9.0kN)	2 layers (glued)	2 layers (glued)	N/A	N/A

TABLE 2.0

RESIDENTIAL FLOOR LOADINGS/REQUIRED FLOOR JOIST SPACINGS. (1.5kPa, 1.8kN)			
Floor Joist Size (mm x mm)	Maximum Span of Joists(m) at a maximum spacing (mm) of:		
	400	450	600
100 x 50	1.8	1.75	1.25
150 x 50	2.8	2.7	2
200 x 50	3.8	3.6	3.25
250 x 50	4.8	4.6	4.15
300 x 50	5.75	5.5	5

INNOVATIVE PROJECT DESIGN AND SOLUTIONS



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TABLE 3.0

RESIDENTIAL FLOOR LOADINGS/REQUIRED FLOOR JOIST SPACINGS. (2 kPa, 1.8kN)			
Floor Joist Size (mm x mm)	Maximum Span of Joists(m) at a maximum spacing (mm) of:		
	400	450	600
100 x 50	1.45	1.4	1.25
150 x 50	2.6	2.4	2
200 x 50	3.5	3.35	2.85
250 x 50	4.4	4.25	3.6
300 x 50	5.2	5.05	4.3

TABLE 4.0

OFFICE FLOOR LOADINGS/REQUIRED FLOOR JOIST SPACINGS. (2.5 kPa, 2.7kN)				
Floor Joist Size (mm x mm)	Maximum Span of Joists(m) at a maximum spacing (mm) of:			
	300	400	450	600
100 x 50	1.6	1.45	1.4	1.25
150 x 50	2.6	2.4	2.25	1.9
200 x 50	3.4	3.2	3.1	2.6
250 x 50	4.2	4	3.9	3.3
300 x 50	5.1	4.8	4.6	4

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