

Self Contained Dwellings

Q = 1.5 kPa or 1.8 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	250	mm	
Width of Ribs	120	mm	
Polystyrene block depth	150	mm	
Rib Reinforcement	HD 12 HD 20 R6 @125 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	1.5	kPa	Q (floor live load) (or 1.8 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	3.8
1000	3.7
1100	3.6
1200	3.4
1300	3.3
1400	3.3

Self Contained Dwellings

Q = 1.5 kPa or 1.8 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	300	mm	
Width of Ribs	120	mm	
Polystyrene block depth	200	mm	
Rib Reinforcement	HD 12 HD 20 R6 @125 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	1.5	kPa	Q (floor live load) (or 1.8 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	4.5
1000	4.3
1100	4.2
1200	4
1300	3.9
1400	3.8

Self Contained Dwellings

Q = 1.5 kPa or 1.8 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	350	mm	
Width of Ribs	120	mm	
Polystyrene block depth	250	mm	
Rib Reinforcement	HD 12 HD 25 R6 @150 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	1.5	kPa	Q (floor live load) (or 1.8 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	5.3
1000	5.1
1100	5
1200	4.8
1300	4.7
1400	4.6

Self Contained Dwellings

Q = 1.5 kPa or 1.8 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	400	mm	
Width of Ribs	120	mm	
Polystyrene block depth	300	mm	
Rib Reinforcement	HD 12 HD 25 R6 @175 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	1.5	kPa	Q (floor live load) (or 1.8 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	5.9
1000	5.7
1100	5.6
1200	5.4
1300	5.3
1400	5.1

Self Contained Dwellings

Q = 1.5 kPa or 1.8 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	450	mm	
Width of Ribs	120	mm	
Polystyrene block depth	350	mm	
Rib Reinforcement	HD 12 HD 25 R6 @200 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	1.5	kPa	Q (floor live load) (or 1.8 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	6.5
1000	6.3
1100	6.1
1200	5.9
1300	5.8
1400	5.7

Self Contained Dwellings

Q = 2 kPa or 2.7 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	250	mm	
Width of Ribs	120	mm	
Polystyrene block depth	150	mm	
Rib Reinforcement	HD 12 HD 20 R6 @125 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2	kPa	Q (floor live load) (or 2.7 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	3.7
1000	3.6
1100	3.5
1200	3.4
1300	3.3
1400	3.2

Self Contained Dwellings

Q = 2 kPa or 2.7 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	300	mm	
Width of Ribs	120	mm	
Polystyrene block depth	200	mm	
Rib Reinforcement	HD 12 HD 20 R6 @125 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2	kPa	Q (floor live load) (or 2.7 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	4.3
1000	4.2
1100	4.1
1200	3.9
1300	3.8
1400	3.7

Self Contained Dwellings

Q = 2 kPa or 2.7 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	350	mm	
Width of Ribs	120	mm	
Polystyrene block depth	250	mm	
Rib Reinforcement	HD 12 HD 25 R6 @150 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2	kPa	Q (floor live load) (or 2.7 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	5.2
1000	5
1100	4.9
1200	4.7
1300	4.6
1400	4.5

Self Contained Dwellings

Q = 2 kPa or 2.7 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	400	mm	
Width of Ribs	120	mm	
Polystyrene block depth	300	mm	
Rib Reinforcement	HD 12 HD 25 R6 @175 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2	kPa	Q (floor live load) (or 2.7 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	5.8
1000	5.6
1100	5.4
1200	5.3
1300	5.2
1400	5

Self Contained Dwellings

Q = 2 kPa or 2.7 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	450	mm	
Width of Ribs	120	mm	
Polystyrene block depth	350	mm	
Rib Reinforcement	HD 12 HD 25 R6 @200 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	100	mm	
Slab Reinforcement	SE 62 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2	kPa	Q (floor live load) (or 2.7 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
900	6.4
1000	6.2
1100	6
1200	5.8
1300	5.7
1400	5.5

Light Vehicle Traffic Areas

Q = 2.5 kPa or 13 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	275	mm	
Width of Ribs	120	mm	
Polystyrene block depth	150	mm	
Rib Reinforcement	HD 12 HD 20 R6 @150 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	125	mm	
Slab Reinforcement	SE 82 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2.5	kPa	Q (floor live load) (or 13 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
600	3.5
700	3.4
800	3.3
900	3.2

Light Vehicle Traffic Areas

Q = 2.5 kPa or 13 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	325	mm	
Width of Ribs	120	mm	
Polystyrene block depth	200	mm	
Rib Reinforcement	HD 12 HD 20 R6 @125 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	125	mm	
Slab Reinforcement	SE 82 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2.5	kPa	Q (floor live load) (or 13 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
600	4.2
700	4.1
800	4
900	3.9

Light Vehicle Traffic Areas

Q = 2.5 kPa or 13 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	375	mm	
Width of Ribs	120	mm	
Polystyrene block depth	250	mm	
Rib Reinforcement	HD 12 HD 25 R6 @150 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	125	mm	
Slab Reinforcement	SE 82 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2.5	kPa	Q (floor live load) (or 13 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
600	5.2
700	5.1
800	4.9
900	4.8

Light Vehicle Traffic Areas

Q = 2.5 kPa or 13 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	425	mm	
Width of Ribs	120	mm	
Polystyrene block depth	300	mm	
Rib Reinforcement	HD 12 HD 25 R6 @175 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	125	mm	
Slab Reinforcement	SE 82 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2.5	kPa	Q (floor live load) (or 13 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
600	5.9
700	5.7
800	5.6
900	5.4

Light Vehicle Traffic Areas

Q = 2.5 kPa or 13 kN

MAXSPAN

Concrete Grade, f_c'	30	MPa	
Total Depth of Ribs	475	mm	
Width of Ribs	120	mm	
Polystyrene block depth	350	mm	
Rib Reinforcement	HD 12 HD 25 R6 @200 crs		Top Bar Bottom Bar (30mm clear concrete cover) Link
Slab Depth	125	mm	
Slab Reinforcement	SE 82 Mesh		Placed centrally to slab depth
Loads	0.5	kPa	G (superimposed dead load)
	2.5	kPa	Q (floor live load) (or 13 kN Point Ld)

Serviceability Limit State Criteria

Short-term deflection	Span / 500
Total = ST + LT creep Defl	Span / 300

Spacing of Ribs (mm)	Max Span of Ribs (m)
600	6.5
700	6.3
800	6.2
900	6