SUPAPURLIN®

LYSAGHT

QUICK SELECTION GUIDE

FOR ENCLOSED BUILDINGS IN
WIND REGIONS N2-N4

Photograph is indicative only and
may contain additional design elements.

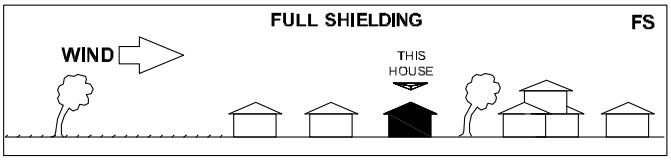
SELECTING THE CORRECT WIND CLASSIFICATION

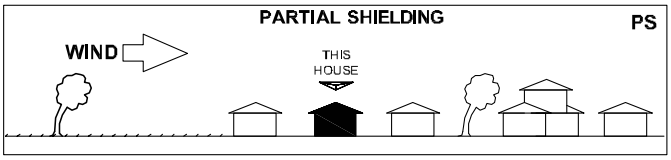
SHIELDING CLASSIFICATIONS - ADAPTED FROM AS 4055

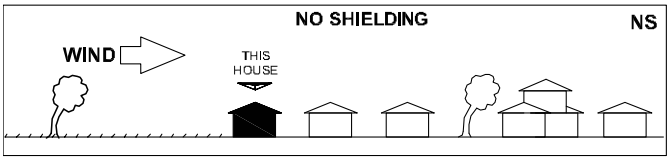
Full shielding is where at least two rows of houses or similar size permanent obstructions surround the house being considered. In regions A & B, heavily wooded areas provide full shielding. The effects of roads or other open areas with less than 100m measured in any direction shall be ignored.

Partially shielded is where there are at least 2.5 houses or sheds per hectare such as acreage type suburban development or wooded parkland. Applies to the second row of houses abutting open areas.

No shielding is where there are no permanent obstructions or where there are less than 2.5 obstructions per hectare, such as the first row of houses abutting open parklands, water or airfields.

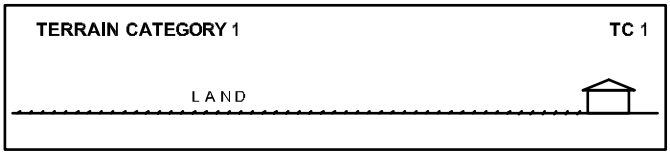




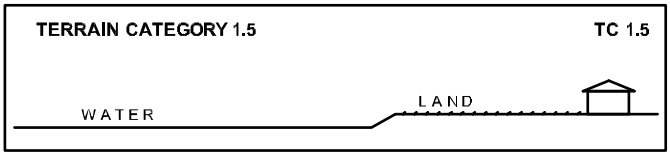


TERRAIN CATEGORY - ADAPTED FROM AS 4055

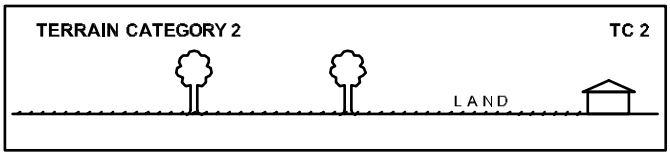
Exposed open terrain with few or no obstructions. This condition exists only for isolated houses in flat, treeless, poorly grassed plains at least 10km wide.



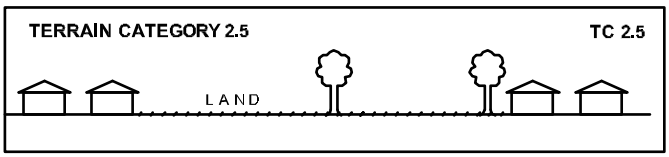
Large open water surfaces in all wind regions. Applies to seas, oceans, large unenclosed bays.



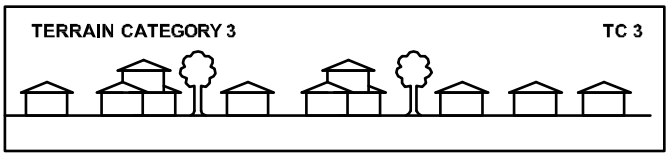
Open terrain including sea coasts, airfields, grassed with a few well scattered obstructions, such as isolated trees and uncut grass with heights of 1.5 to 5m.



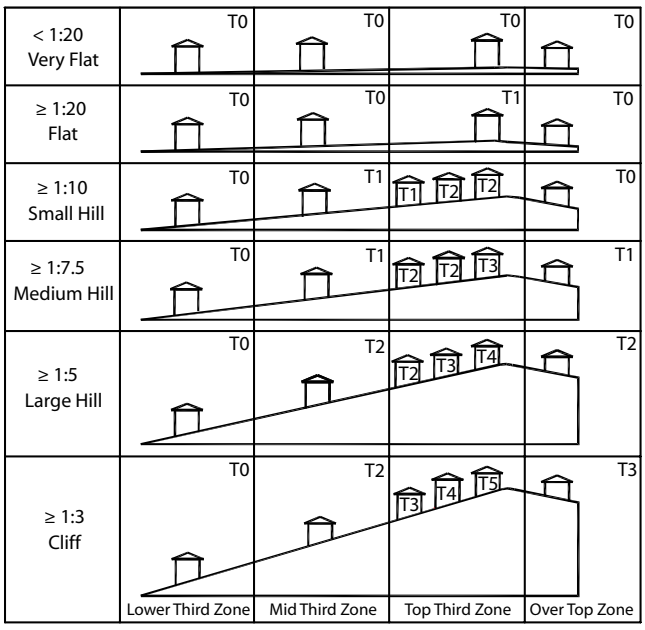
Terrain with few trees, isolated obstructions, such as agricultural land, canefields or long grass. This terrain is intermediate between TC2 & TC3 and represents the terrain in developing outer urban areas.



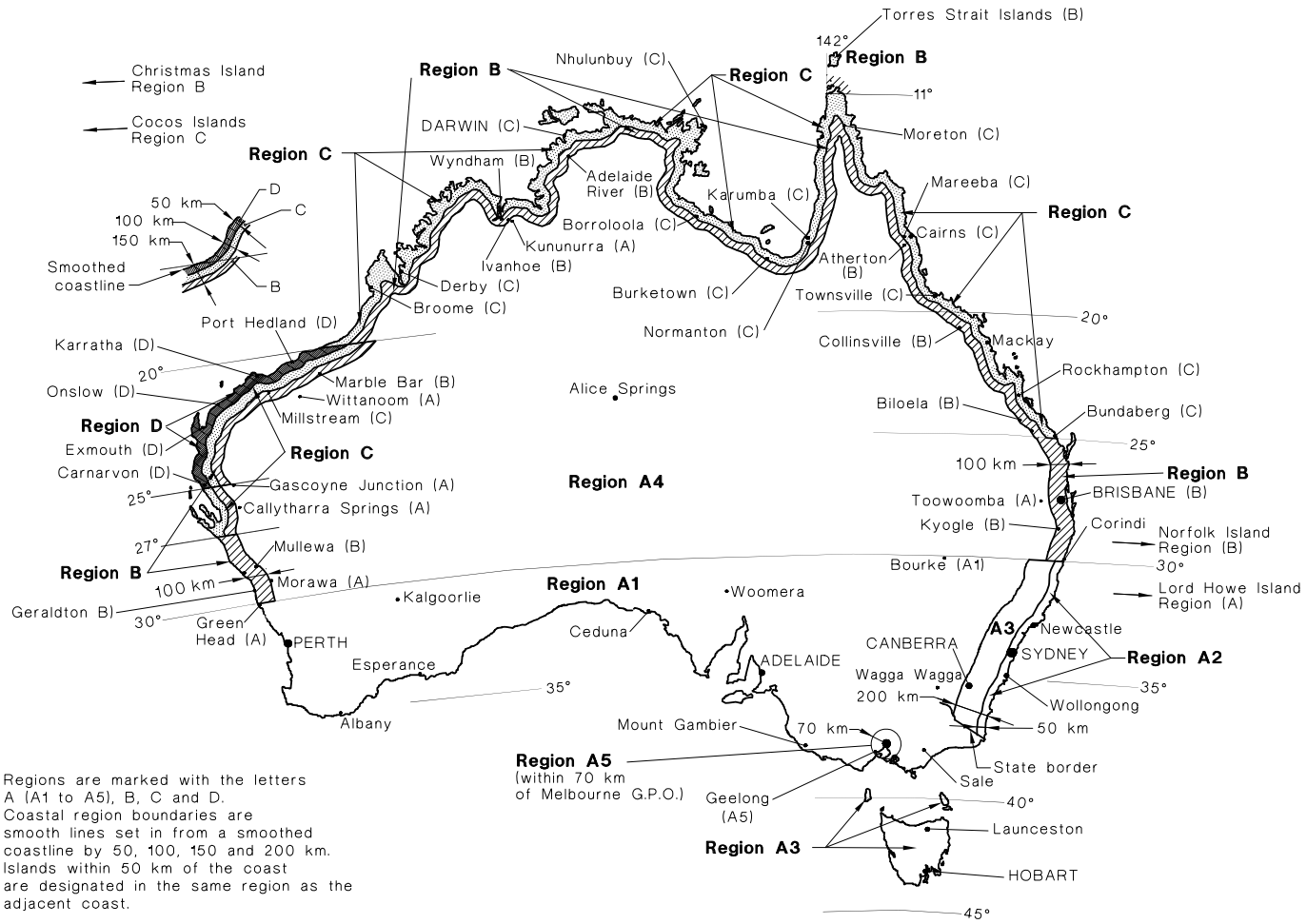
Terrain with numerous closely spaced obstructions having heights generally from 3m to 10m. The minimum density of houses and trees, shall be equivalent of 10 house size obstructions per hectare.



TOPOGRAPHIC CLASS - ADAPTED FROM AS 4055



WIND REGIONS - REPRINTED FROM AS 4055



Regions are marked with the letters A (A1 to A5), B, C and D. Coastal region boundaries are smooth lines set in from a smoothed coastline by 50, 100, 150 and 200 km. Islands within 50 km of the coast are designated in the same region as the adjacent coast.

Using the Shielding, Terrain, Topographic and Wind Region data from the information provided here, select your design wind classification from the table below.

This allows you to choose the correct Quick Selection table.

WIND CLASSIFICATION FROM WIND REGION AND SITE CONDITIONS
- EDITED AND REPRINTED FROM AS 4055 TABLE 2.2

Wind Region	TC	Topographic Class												
		T0			T1			T2			T3		T4	T5
		FS	PS	NS	FS	PS	NS	FS	PS	NS	PS	NS	NS	NS
A	3	N1	N1	N1	N1	N2	N2	N2	N2	N2	N3	N3	N3	N4
	2.5	N1	N1	N2	N1	N2	N2	N2	N3	N3	N3	N3	N4	N4
	2	N1	N2	N2	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4
	1.5	N2	N2	N2	N2	N3	N3	N3	N3	N3	N3	N4	N4	—
	1	N2	N3	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	—
B	3	N2	N2	N3	N2	N3	N3	N3	N3	N4	N4	N4	N4	—
	2.5	N2	N3	N3	N3	N3	N3	N3	N4	N4	N4	N4	—	—
	2	N2	N3	N3	N3	N3	N4	N3	N4	N4	N4	—	—	—
	1.5	N3	N3	N4	N3	N4	N4	N4	N4	N4	—	—	—	—
	1	N3	N4	N4	N4	N4	N4	N4	—	—	—	—	—	—

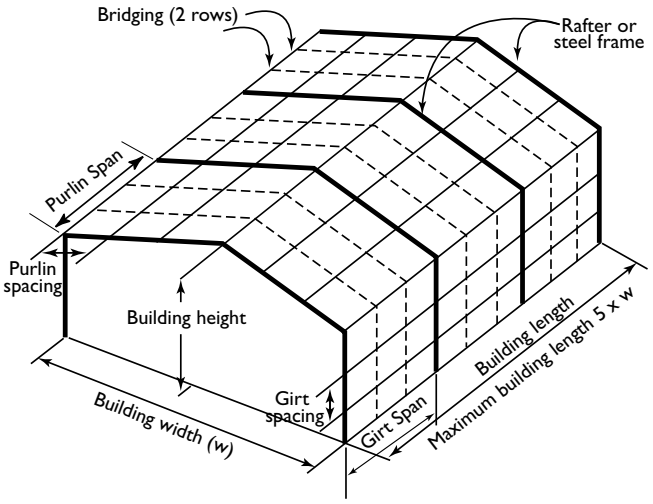
LEGEND
TC = Terrain category
NS = No shielding
FS = Full shielding
N = Non cyclonic
PS = Partial shielding
— = Not applicable

Note: For N1 Wind Classification, use the N2 Tables.

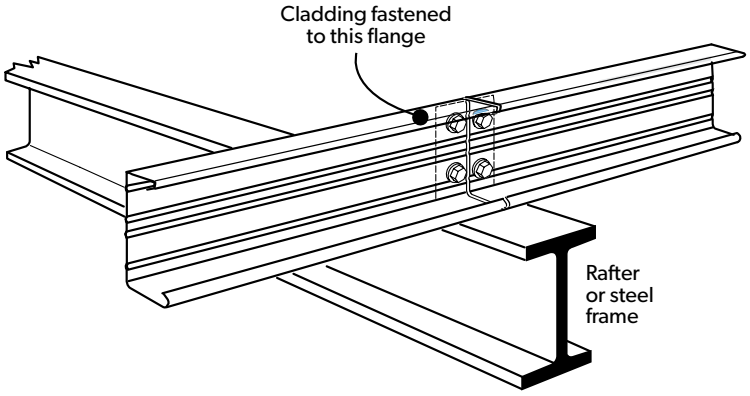
GENERAL NOTES

DESIGN ASSUMPTIONS

1. Design wind to AS 4055
   (Check with local council for wind classification)
2. Maximum building envelope —16m wide x 8.5m high
3. Maximum 35 degree roof pitch
4. Non trafficable roof — maximum 0.25kPa live load
5. All purlins sized are for single spans
6. Tables refer to genuine LYSAGHT SUPACEE® purlins.
   Substitution invalidates design data.



CONNECTION DETAILS



PURLIN BOLTS

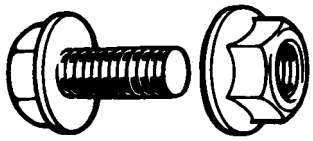
Bolts with integral washers in both the head and nut shall be used for all types of connections described in this manual as required by AS/NZS 4600, Clause 5.3.1.

M12 SIZE

PB1230 LYSAGHT® standard purlin bolt (grade 4.6):
M12 x 30 mm with nut.

M16 SIZE

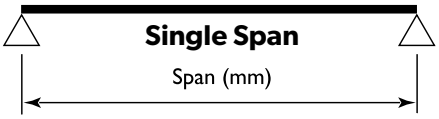
PB1645 LYSAGHT® standard purlin bolt (grade 4.6):
M16 x 45 mm with nut.

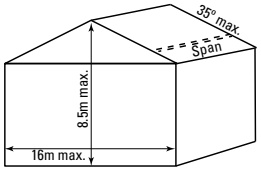


SUPAPURLIN® QUICK SELECTION CHART N2

for Enclosed Buildings - Purlins

Purlin Size Required - Number of rows of Bridging





Purlin Span (mm)	Purlin Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B
3500	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B	SC15012-1B	SC15012-1B
4000	SC15012-0B	SC15012-0B	SC15012-1B	SC15012-1B	SC15012-2B	SC15015-1B
4500	SC15012-0B	SC15012-1B	SC15012-1B	SC15015-1B	SC15015-2B	SC20012-1B
5000	SC15012-1B	SC15012-1B	SC15012-2B	SC15015-2B	SC20015-1B	SC20015-1B
5500	SC15012-1B	SC15012-2B	SC15015-2B	SC20012-2B	SC20015-1B	SC20019-1B
6000	SC15012-1B	SC15015-2B	SC20012-1B	SC20012-2B	SC20015-1B	SC20019-1B
6500	SC15012-2B	SC15015-2B	SC20015-1B	SC20019-1B	SC20019-2B	SC25019-1B
7000	SC15012-2B	SC20012-2B	SC20015-2B	SC20019-2B	SC25019-2B	SC25019-2B
7500	SC15015-2B	SC20015-2B	SC20019-2B	SC20019-2B	SC25019-2B	SC25024-2B
8000	SC20012-2B	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-2B
8500	SC20012-2B	SC20019-2B	SC25019-2B	SC25019-2B	SC25024-2B	SC25024-3B
9000	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-2B	SC30024-1B
9500	SC20015-2B	SC20019-3B	SC25019-3B	SC25024-2B	SC30024-1B	SC30024-2B
10000	SC20015-3B	SC25019-2B	SC25024-2B	SC25024-3B	SC30024-2B	SC30024-2B
10500	SC20019-2B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-2B	SC30030-2B
11000	SC20019-3B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-3B	SC30030-2B
11500	SC20019-3B	SC25024-3B	SC30024-2B	SC30024-2B	SC30030-2B	SC30030-2B
12000	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-3B	SC30030-2B	SC30030-3B

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N2

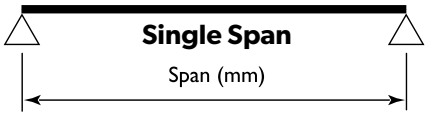
NOTES:

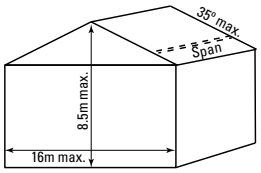
1. This document shall be read in conjunction with the LYSAGHT SUPAPURLIN® - SUPAZED® and SUPACEE® Users Guide - as current on our website: www.lysaght.com.
2. All configurations are based on purlins and girts being connected to supporting members with 2 No. LYSAGHT® purlin bolts to a standard web side plate.
3. 0B, 1B, 2B & 3B indicate the number of rows of LYSAGHT HOOK-LOK® II or bolted bridging.
4. Bridging setout shall be as follows:
   1B – 0.5 span : 0.5 span
   2B – 0.35 span : 0.3 span : 0.35 span
   3B – 0.28 span : 0.22 span : 0.22 span : 0.28 span
5. SUPAPURLIN® up to 250mm deep shall use HOOK-LOK® II or bolted bridging. 300/350mm deep shall use Series 300/350 bolted bridging.
6. These charts apply to fully enclosed buildings with the cladding screw fixed to the purlin flange.
7. The user is to confirm the maximum purlin spacing is appropriate for the selected cladding.
8. This data is based on published LYSAGHT® load capacities and is to be used only for the LYSAGHT SUPACEE® range of products.
9. N/A indicates no suitable section is available.
10. SUPAPURLIN® up to and including SC250 in size will be fixed using LYSAGHT® PB1230 (flanged M12 x 30), 4.6 grade purlin bolts.
    SUPAPURLIN® SC300 & SC350 sizes will be fixed using LYSAGHT® PB1645 (flanged M16 x 45), 4.6 grade purlin bolts.

SUPAPURLIN® QUICK SELECTION CHART N2

for Enclosed Buildings - Girts

Girt Size Required - Number of rows of Bridging





Girt Span (mm)	Girt Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B
3500	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B
4000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B	SC15012-1B	SC15012-1B
4500	SC15012-0B	SC15012-1B	SC15012-1B	SC15012-1B	SC15012-1B	SC15015-1B
5000	SC15012-1B	SC15012-1B	SC15012-1B	SC15012-2B	SC15015-2B	SC20012-1B
5500	SC15012-1B	SC15012-1B	SC15012-2B	SC15015-2B	SC20012-1B	SC20015-1B
6000	SC15012-1B	SC15012-2B	SC15015-2B	SC20012-2B	SC20015-1B	SC20015-2B
6500	SC15012-2B	SC15012-2B	SC15015-3B	SC20015-1B	SC20015-2B	SC20019-1B
7000	SC15012-2B	SC15015-2B	SC20012-2B	SC20015-2B	SC20019-2B	SC20019-2B
7500	SC15012-2B	SC15015-3B	SC20015-2B	SC20019-2B	SC20019-2B	SC25019-2B
8000	SC15015-2B	SC20012-2B	SC20015-2B	SC20019-2B	SC20019-3B	SC25019-2B
8500	SC15015-3B	SC20015-2B	SC20019-2B	SC20019-3B	SC25019-2B	SC25024-2B
9000	SC20012-2B	SC20015-2B	SC20019-2B	SC25019-2B	SC25019-3B	SC25024-2B
9500	SC20012-2B	SC20015-3B	SC20019-3B	SC25019-3B	SC25024-2B	SC25024-3B
10000	SC20012-3B	SC20019-2B	SC25019-3B	SC25024-2B	SC25024-3B	SC30024-2B
10500	SC20015-3B	SC20019-3B	SC25019-3B	SC25024-3B	SC25024-3B	SC30024-2B
11000	SC20015-3B	SC25019-3B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-2B
11500	SC20019-3B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-2B	SC30024-3B
12000	SC20019-3B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-2B	SC30030-2B

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N2

NOTES:

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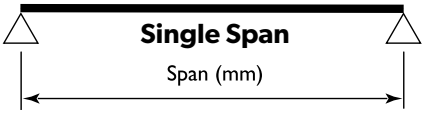
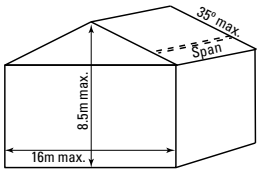
2. All configurations are based on purlins and girts being connected to supporting members with 2 No. LYSAGHT® purlin bolts to a standard web side plate.
3. 0B, 1B, 2B & 3B indicate the number of rows of LYSAGHT HOOK-LOK® II or bolted bridging.
4. Bridging setout shall be as follows:
   1B – 0.5 span : 0.5 span
   2B – 0.35 span : 0.3 span : 0.35 span
   3B – 0.28 span : 0.22 span : 0.22 span : 0.28 span
5. SUPAPURLIN® up to 250mm deep shall use HOOK-LOK® II or bolted bridging. 300/350mm deep shall use Series 300/350 bolted bridging
6. These charts apply to fully enclosed buildings with the cladding screw fixed to the purlin flange.
7. The user is to confirm the maximum purlin spacing is appropriate for the selected cladding.
8. This data is based on published Lysaght load capacities and is to be used only for the LYSAGHT SUPACEE® range of products.
9. N/A indicates no suitable section is available.
10. SUPAPURLIN® up to and including SC250 in size will be fixed using LYSAGHT® PB1230 (flanged M12 x 30), 4.6 grade purlin bolts.
    SUPAPURLIN® SC300 & SC350 sizes will be fixed using LYSAGHT® PB1645 (flanged M16 x 45), 4.6 grade purlin bolts.

SUPAPURLIN® QUICK SELECTION CHART N3

for Enclosed Buildings - Purlins

Purlin Size Required - Number of rows of Bridging





Purlin Span (mm)	Purlin Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B	SC15015-1B
3500	SC15012-0B	SC15012-0B	SC15012-1B	SC15015-1B	SC15015-1B	SC20015-0B
4000	SC15012-1B	SC15012-1B	SC15015-1B	SC20012-1B	SC20015-1B	SC20015-1B
4500	SC15012-1B	SC15012-2B	SC20012-1B	SC20015-1B	SC20019-1B	SC20019-1B
5000	SC15012-1B	SC15015-2B	SC20015-1B	SC20019-1B	SC20019-1B	SC25019-1B
5500	SC15012-2B	SC20012-1B	SC20015-2B	SC20019-1B	SC25019-1B	SC25019-1B
6000	SC15015-2B	SC20015-1B	SC20019-1B	SC20019-2B	SC25019-2B	SC25024-1B
6500	SC15015-3B	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-1B	SC25024-2B
7000	SC20012-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-2B	SC30024-1B
7500	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-1B	SC30024-1B
8000	SC20015-2B	SC20019-3B	SC25024-2B	SC25024-3B	SC30024-1B	SC30024-2B
8500	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-1B	SC30024-2B	SC30030-1B
9000	SC20019-2B	SC25019-3B	SC25024-3B	SC30024-2B	SC30030-1B	SC30030-2B
9500	SC20019-3B	SC25024-2B	SC30024-2B	SC30024-2B	SC30030-2B	SC30030-3B
10000	SC25019-2B	SC25024-3B	SC30024-2B	SC30030-2B	SC30030-2B	SC35030-1B
10500	SC25019-3B	SC25024-3B	SC30024-2B	SC30030-2B	SC35030-1B	SC35030-2B
11000	SC25024-3B	SC30024-2B	SC30030-2B	SC30030-3B	SC35030-2B	SC35030-2B
11500	SC25024-3B	SC30024-2B	SC30030-2B	SC35030-1B	SC35030-2B	N/A
12000	SC25024-3B	SC30024-2B	SC30030-3B	SC35030-2B	N/A	N/A

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N3

NOTES:

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4. Bridging setout shall be as follows:
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   2B – 0.35 span : 0.3 span : 0.35 span
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5. SUPAPURLIN® up to 250mm deep shall use HOOK-LOK® II or bolted bridging. 300/350mm deep shall use Series 300/350 bolted bridging
6. These charts apply to fully enclosed buildings with the cladding screw fixed to the purlin flange.
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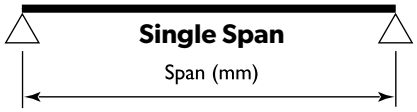
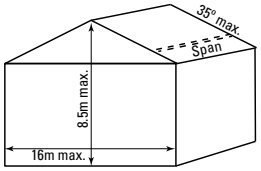
    SUPAPURLIN® SC300 & SC350 sizes will be fixed using LYSAGHT® PB1645 (flanged M16 x 45), 4.6 grade purlin bolts.

SUPAPURLIN® QUICK SELECTION CHART N3

for Enclosed Buildings - Girts

Girt Size Required - Number of rows of Bridging





Girt Span (mm)	Girt Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B
3500	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B	SC15012-1B	SC15015-1B
4000	SC15012-0B	SC15012-1B	SC15012-1B	SC15015-1B	SC15015-1B	SC20012-1B
4500	SC15012-1B	SC15012-1B	SC15012-2B	SC15015-2B	SC20015-1B	SC20015-1B
5000	SC15012-1B	SC15012-2B	SC15015-2B	SC20015-1B	SC20015-1B	SC20019-1B
5500	SC15012-1B	SC15015-2B	SC20012-2B	SC20015-1B	SC20019-1B	SC20019-1B
6000	SC15012-2B	SC15015-3B	SC20015-1B	SC20019-1B	SC20019-2B	SC25019-1B
6500	SC15015-2B	SC20012-2B	SC20019-1B	SC20019-2B	SC25019-2B	SC25019-2B
7000	SC15015-2B	SC20015-2B	SC20019-2B	SC25019-2B	SC25019-2B	SC25024-2B
7500	SC15015-3B	SC20015-3B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-2B
8000	SC20012-3B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-2B	SC30024-1B
8500	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-3B	SC30024-1B
9000	SC20015-3B	SC20019-3B	SC25024-2B	SC25024-3B	SC30024-2B	SC30024-2B
9500	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-2B	SC30024-2B	SC30030-2B
10000	SC20019-3B	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-3B	SC30030-2B
10500	SC25019-2B	SC25024-3B	SC30024-2B	SC30024-2B	SC30030-2B	SC30030-2B
11000	SC25019-3B	SC25024-3B	SC30024-2B	SC30024-3B	SC30030-2B	SC35030-1B
11500	SC25019-3B	SC25024-3B	SC30024-2B	SC30030-2B	SC30030-3B	SC35030-2B
12000	SC25019-3B	SC30024-2B	SC30024-3B	SC30030-2B	SC35030-2B	SC35030-2B

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N3

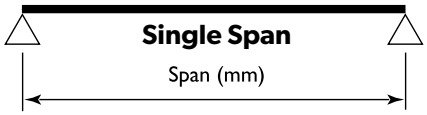
NOTES:

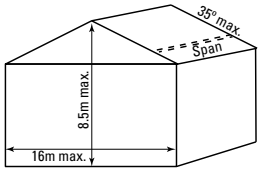
1. This document shall be read in conjunction with the LYSAGHT SUPAPURLIN® - SUPAZED® and SUPACEE® Users Guide - as current on our website: www.lysaght.com.
2. All configurations are based on purlins and girts being connected to supporting members with 2 No. LYSAGHT® purlin bolts to a standard web side plate.
3. 0B, 1B, 2B & 3B indicate the number of rows of LYSAGHT HOOK-LOK® II or bolted bridging.
4. Bridging setout shall be as follows:
   1B – 0.5 span : 0.5 span
   2B – 0.35 span : 0.3 span : 0.35 span
   3B – 0.28 span : 0.22 span : 0.22 span : 0.28 span
5. SUPAPURLIN® up to 250mm deep shall use HOOK-LOK® II or bolted bridging. 300/350mm deep shall use Series 300/350 bolted bridging
6. These charts apply to fully enclosed buildings with the cladding screw fixed to the purlin flange.
7. The user is to confirm the maximum purlin spacing is appropriate for the selected cladding.
8. This data is based on published Lysaght load capacities and is to be used only for the LYSAGHT SUPACEE® range of products.
9. N/A indicates no suitable section is available.
10. SUPAPURLIN® up to and including SC250 in size will be fixed using LYSAGHT® PB1230 (flanged M12 x 30), 4.6 grade purlin bolts.
    SUPAPURLIN® SC300 & SC350 sizes will be fixed using LYSAGHT® PB1645 (flanged M16 x 45), 4.6 grade purlin bolts.

SUPAPURLIN® QUICK SELECTION CHART N4

for Enclosed Buildings - Purlins

Purlin Size Required - Number of rows of Bridging





Purlin Span (mm)	Purlin Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-1B	SC15015-1B	SC20015-0B	SC20015-0B
3500	SC15012-0B	SC15012-1B	SC15015-1B	SC20015-0B	SC20015-1B	SC20019-0B
4000	SC15012-1B	SC15015-1B	SC20015-1B	SC20019-1B	SC20019-1B	SC25019-1B
4500	SC15012-2B	SC20012-1B	SC20019-1B	SC20019-1B	SC25019-1B	SC25019-1B
5000	SC15015-2B	SC20015-1B	SC20019-1B	SC25019-1B	SC25024-1B	SC25024-1B
5500	SC20012-1B	SC20019-1B	SC25019-1B	SC25024-1B	SC25024-1B	SC30024-1B
6000	SC20015-1B	SC20019-2B	SC25019-2B	SC25024-1B	SC30024-1B	SC30024-1B
6500	SC20015-2B	SC25019-1B	SC25024-1B	SC25024-2B	SC30024-1B	SC30030-1B
7000	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-1B	SC30024-2B	SC30030-1B
7500	SC20019-2B	SC25024-2B	SC30024-1B	SC30024-1B	SC30030-1B	SC30030-2B
8000	SC20019-3B	SC25024-2B	SC30024-1B	SC30030-1B	SC30030-2B	SC35030-1B
8500	SC25019-2B	SC25024-3B	SC30024-2B	SC30030-2B	SC35030-1B	SC35030-1B
9000	SC25019-3B	SC30024-1B	SC30030-1B	SC30030-2B	SC35030-1B	N/A
9500	SC25024-2B	SC30024-2B	SC30030-2B	SC35030-1B	SC35030-2B	N/A
10000	SC25024-3B	SC30024-2B	SC30030-2B	SC35030-1B	N/A	N/A
10500	SC25024-3B	SC30030-2B	SC35030-1B	SC35030-2B	N/A	N/A
11000	SC30024-2B	SC30030-2B	SC35030-2B	N/A	N/A	N/A
11500	SC30024-2B	SC30030-3B	SC35030-2B	N/A	N/A	N/A
12000	SC30024-2B	SC30030-3B	N/A	N/A	N/A	N/A

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N4

NOTES:

1. This document shall be read in conjunction with the LYSAGHT SUPAPURLIN® - SUPAZED® and SUPACEE® Users Guide - as current on our website: www.lysaght.com.
2. All configurations are based on purlins and girts being connected to supporting members with 2 No. LYSAGHT® purlin bolts to a standard web side plate.
3. 0B, 1B, 2B & 3B indicate the number of rows of LYSAGHT HOOK-LOK® II or bolted bridging.
4. Bridging setout shall be as follows:
   1B – 0.5 span : 0.5 span
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5. SUPAPURLIN® up to 250mm deep shall use HOOK-LOK® II or bolted bridging. 300/350mm deep shall use Series 300/350 bolted bridging
6. These charts apply to fully enclosed buildings with the cladding screw fixed to the purlin flange.
7. The user is to confirm the maximum purlin spacing is appropriate for the selected cladding.
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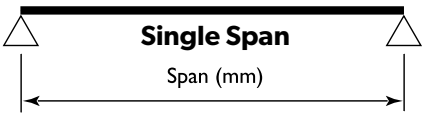
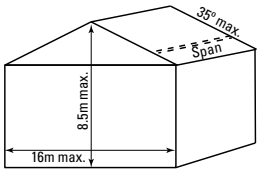
9. N/A indicates no suitable section is available.
10. SUPAPURLIN® up to and including SC250 in size will be fixed using LYSAGHT® PB1230 (flanged M12 x 30), 4.6 grade purlin bolts.
    SUPAPURLIN® SC300 & SC350 sizes will be fixed using LYSAGHT® PB1645 (flanged M16 x 45), 4.6 grade purlin bolts.

SUPAPURLIN® QUICK SELECTION CHART N4

for Enclosed Buildings - Girts

Girt Size Required - Number of rows of Bridging





Girt Span (mm)	Girt Spacing (mm)					
	600	900	1200	1500	1800	2100
3000	SC15012-0B	SC15012-0B	SC15012-0B	SC15012-1B	SC15015-1B	SC15015-1B
3500	SC15012-0B	SC15012-1B	SC15012-1B	SC15015-1B	SC20012-1B	SC20015-0B
4000	SC15012-1B	SC15012-1B	SC15015-1B	SC20015-1B	SC20015-1B	SC20019-1B
4500	SC15012-1B	SC15015-1B	SC20015-1B	SC20015-1B	SC20019-1B	SC20019-1B
5000	SC15012-2B	SC20012-1B	SC20015-1B	SC20019-1B	SC20019-2B	SC25019-1B
5500	SC15015-2B	SC20015-1B	SC20019-1B	SC20019-2B	SC25019-1B	SC25024-1B
6000	SC15015-2B	SC20015-2B	SC20019-2B	SC25019-1B	SC25024-1B	SC25024-2B
6500	SC20012-2B	SC20019-1B	SC25019-2B	SC25024-1B	SC25024-2B	SC30024-1B
7000	SC20015-2B	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-1B	SC30024-1B
7500	SC20019-2B	SC25019-2B	SC25024-2B	SC25024-3B	SC30024-1B	SC30030-1B
8000	SC20019-2B	SC25019-2B	SC25024-2B	SC30024-1B	SC30024-2B	SC30030-1B
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9000	SC20019-3B	SC25024-2B	SC30024-2B	SC30030-1B	SC30030-2B	SC35030-1B
9500	SC25019-2B	SC25024-3B	SC30024-2B	SC30030-2B	SC30030-2B	SC35030-1B
10000	SC25019-3B	SC30024-2B	SC30024-3B	SC30030-2B	SC35030-1B	SC35030-2B
10500	SC25024-2B	SC30024-2B	SC30030-2B	SC30030-3B	SC35030-2B	N/A
11000	SC25024-3B	SC30024-2B	SC30030-2B	SC35030-2B	SC35030-2B	N/A
11500	SC25024-3B	SC30024-3B	SC30030-3B	SC35030-2B	N/A	N/A
12000	SC30024-2B	SC30030-2B	SC35030-2B	SC35030-2B	N/A	N/A

When a traditional 'Cee' is used instead of a SUPACEE®, the next higher gauge should be used.

QUICK SELECTION CHART – N4

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AUSTRALIAN STANDARDS

Australian Standard	Definition
AS 4055:2021	Wind loads for housing
AS/NZS 4600:2018	Cold-formed steel structures

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