

TRIMCLAD®

POPULAR ROOFING & WALLING PROFILE



A Met-TECH™ GUIDE

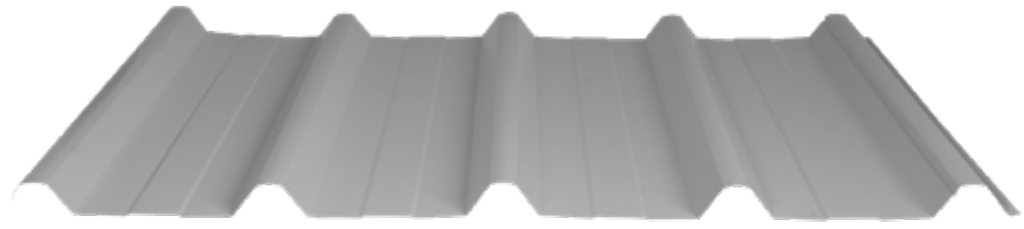
OCTOBER 2021



Metroll®

BETTER SERVICE • BETTER BUILDING SOLUTIONS

TRIMCLAD®



Pan Width: ≈ 130mm

Rib Width: ≈ 60mm

Cover: 762mm Height: 29mm

Trimclad® is custom length, high tensile steel roofing manufactured from 0.42mm and 0.48mm BMT COLORBOND®, ZINCALUME® and galvanised steels. It is also available as wall cladding from 0.35mm BMT COLORBOND® and ZINCALUME® steels. Trimclad® is ideal for roof and wall cladding on commercial and industrial buildings; and as roofing on carports, garages and patios. It can also be used for fencing, fascia and facade work.

FEATURES & BENEFITS

- Custom lengths
- Lightweight
- Ideal for commercial & industrial applications
- Wide range of colours
- Matching accessories available
- Long spanning capability

TRIMCLAD® - ROOFING

| BMT mm | Steel Base MPa | Mass CB* kg/m ² | Mass Zinc kg/m ² | Min. Pitch° | Max Spans mm** | |
|--------|----------------|----------------------------|-----------------------------|-------------|----------------|----------|
| | | | | | End | Internal |
| 0.42 | G550 | 4.30 | 4.23 | 2 (1 in 30) | 1350 | 1900 |
| 0.48 | G550 | 4.88 | 4.81 | 2 (1 in 30) | 1900 | 2600 |

TRIMCLAD® - WALLING

| BMT mm | Steel Base MPa | Mass CB* kg/m ² | Mass Zinc kg/m ² | Max Spans mm** |
|--------|----------------|----------------------------|-----------------------------|----------------|
| 0.35 | G550 | 3.62 | 3.56 | 2400 / 3000 |
| 0.42 | G550 | 4.30 | 4.23 | 2400 / 3000 |
| 0.48 | G550 | 4.88 | 4.81 | 2400 / 3000 |

*CB = Colorbond®

** Max. Spans are based on N2 Wind Category and 1.5mm substrate

FASTENERS

Trimclad® may be fastened to timber or steel supports by conventional crest fixing. Always face side laps away from the prevailing weather.



What is Met-TECH™?

Met-TECH™ is Metroll's Technical Resource Centre. It is the one stop shop for all of Metroll's product and technical information. Perfect for builders, contractors and specifiers to source all the information they may require. You can find other Met-TECH™ items on our website www.metroll.com.au/resources

Timber Supports

Roofing M6 - 11 x 65mm Roof Zips® Hex Head with seal

Walling M6 - 11 x 25mm Roof Zips® Hex Head with seal (Valley Fix)

Steel Supports 0.48mm to 1.5mm BMT

Roofing M6 - 11 x 50mm Roof Zips® Hex Head with seal

Walling M6 - 11 x 25mm Roof Zips® Hex Head with seal (Valley Fix)

Steel Supports 1.5mm to 4.5mm BMT

Roofing M5.5 x 50mm AutoTek® Hex Head with seal

Walling M6 - 11 x 25mm Roof Zips® Hex Head with seal (Valley Fix)

SIDE LAPS

It is considered good practice to use fasteners on side laps, although these are generally not necessary when the sheeting is supported as indicated in the maximum span tables or for roof spans under 900mm and wall cladding spans under 1200mm. Side lap fastening should be considered if the weather resistance of the joint is questionable for any reason.

SPRING CURVING

| BMT mm | CONCAVE | | CONVEX | | |
|-----------|-------------|----------------------|-------------|----------------------|--------------------------|
| | Min. Radius | Max. Support Spacing | Min. Radius | Max. Support Spacing | Max. Radius for Drainage |
| 0.42 | 20m | 900mm | 70m | 1200mm | 105m |
| 0.48 | 20m | 900mm | 60m | 1200mm | 105m |

DRAINAGE & OVERFLOW

Max Roof Run (m) for Slopes & Rainfall Intensity

| Rainfall Intensity mm/hr | Trimclad® Roof Slope | | | | |
|-----------------------------|----------------------|---------------|---------------|------------------|---------------|
| | 1 in 30 2° | 1 in 20 3° | 1 in 12 5° | 1 in 7.5 7.5° | 1 in 6 10° |
| 100 | 220 | 257 | 320 | 382 | 439 |
| 150 | 146 | 172 | 214 | 255 | 293 |
| 200 | 110 | 129 | 160 | 191 | 220 |
| 250 | 88 | 103 | 128 | 153 | 176 |
| 300 | 73 | 86 | 107 | 127 | 146 |
| 400 | 55 | 64 | 80 | 96 | 110 |

- Rainwater run-off and drainage capacity may place some limitations on the total length of a sheet run and must be considered during the design and construction phase of a project.
- The total length of roof sheeting; which shall include end laps, expansion joints or steps and draining the roof in one direction, shall be considered as a single roof run.
- Thermal expansion must also be considered.
- Maximum production and transport lengths may limit availability.

LENGTH

Metroll supplies Trimclad® cut to order as required; depending on load limit regulations set by local transport authorities. Lengths for manufacture need to be site measurements and not taken off plans. Sheet length is obtained by measuring the distance from the ridges to the external edges or fascia and adding a minimum of 50mm for overhang into the gutter.

To prevent damage when lifting long lengths, ensure sheets are lifted with the use of multiple lift point spreader bars.

CUTTING

Cut sheets with a method and in a location so that damage is avoided to sheets and other building products. Material should be cut on the ground and not above other materials. Remove all swarf and debris from the work and installation area. Sheets may be cut using a power saw with a steel cutting blade, a power nibbler or with tin snips. Avoid using abrasive discs as these can cause edge and coating damage.

CLEAN UP

Prior to departing the work site remove all foreign debris, screws, rivets and especially any swarf created by drilling or cutting from the roof surface and/or inside gutters. Failure to do so may result in premature corrosion.

MATERIAL COMPATIBILITY

Never use lead flashings with Trimclad® sheeting made from COLORBOND® and ZINCALUME® steels. Avoid drainage from copper roofs onto COLORBOND®, ZINCALUME® or galvanised steel roofing or rainwater products. Lead, copper, bare metal and some chemically treated timbers are not compatible with Trimclad®.

ADVERSE CONDITIONS

Localised environmental conditions can impact the corrosive nature of a site which may impact on material choice. Conditions that may impact on material choice include; direction of prevailing winds, rainfall intensity, duration of exposure, temperature, shelter and areas not washed by rainfall. Contact your local Metroll branch if you intend to use Trimclad® within 1 km of industrial, chemical, marine or corrosive environments.

MATERIAL SPECIFICATION & SCOPE

All roofing and walling should be specified on drawings as Trimclad®, manufactured by Metroll and installed in accordance with the manufacturers recommendations. Base sheet steel is G550 with specified finish.

AVAILABILITY & DELIVERY

Trimclad® is available nationwide. Contact your local Metroll branch for lead times, colours and availability.

Ensuring suitable arrangements are made to assist the unloading of Metroll trucks will help supply material in good order. When lifting long lengths by crane please ensure the load is evenly spread. Where a crane cannot be made available it is the customers responsibility to provide sufficient labour to assist the driver in unloading.

TRIMCLAD® FOOT TRAFFIC

| BMT (mm) | Internal Span (mm) | End Span (mm) |
|----------|--------------------|---------------|
| 0.42 | 1900 | 1350 |
| 0.48 | 2600 | 1900 |

- Foot traffic limits are based on AS/NZS 1170.1 for R2 - Other roofs.
- All traffic must use the designated foot traffic paths and, at all times, follow safe practices.

TRIMCLAD® OVERHANGS

The overhangs on Trimclad® are limited to the values in the following table. Overhangs have a minimum length of 50mm. Stiffened overhangs incorporate an angle or gutter attached to the sheet end.

| | BMT (mm) | Plain (mm) | Stiffened (mm) |
|----------------|----------|------------|----------------|
| ROOFING | 0.42 | 150 | 300 |
| | 0.48 | 200 | 350 |
| WALLING | 0.35 | 150 | 250 |
| | 0.42 | 200 | 300 |
| | 0.48 | 250 | 350 |

- Plain overhangs are limited to 20% of the adjacent end span.
- Stiffened overhangs are limited to 33% of the adjacent end span.

WALKING ON TRIMCLAD®

When walking on Trimclad® roof sheeting always wear flat rubber soled shoes and only walk in the roof pans.

TOLERANCES

Consideration should be given to the following manufacturing tolerances:

Length +10mm, -15mm **Width** ± 4mm

THERMAL EXPANSION

Change in temperature will cause all metals to expand and contract. There is minimal effect with steel roofing and walling, however care must be taken when long sheet runs and used and high temperature variations occur. Metroll recommends the following maximum runs:

Dark Colours - Up to 17m

Light Colours - Up to 24m

CARE, HANDLING & STORAGE

Care should be taken at all times when handling sheets to preserve the quality of the finish. Keep packs dry, stored clear of the ground and protected from rain and moisture. Any sheets which become wet should be separated, wiped and placed in the open air to dry.

0.35mm TRIMCLAD® LIMIT STATE CAPACITY TABLES

Tables and values must be used in conjunction with the Design Notes to Limit State Capacity Tables

0.35mm TRIMCLAD® WITH 4 FASTENERS/SHEET/BATTEN WALLING ONLY

| LIMIT STATE | SPAN TYPE | SUPPORT THICKNESS (mm) | PRESSURE (kPa) FOR SPAN (mm) | | | | | | | | |
|-----------------------|-----------|------------------------|------------------------------|------|------|------|------|------|------|------|------|
| | | | 600 | 900 | 1200 | 1500 | 1800 | 2100 | 2400 | 2700 | 3000 |
| SERVICEABILITY | Internal | All | 2.70 | 2.60 | 2.50 | 2.10 | 1.90 | 1.55 | 1.20 | 0.90 | 0.62 |
| | End | All | 3.19 | 3.19 | 2.49 | 2.04 | 1.62 | 1.22 | 0.85 | 0.58 | |
| STRENGTH | Internal | 1.50+ | 6.50 | 6.36 | 5.52 | 4.39 | 3.40 | 2.78 | 2.28 | 1.90 | 1.52 |
| | | 1.20 | 6.50 | 6.36 | 5.52 | 4.39 | 3.40 | 2.78 | 2.28 | 1.90 | 1.52 |
| | | 1.00 | 6.50 | 6.36 | 5.52 | 4.39 | 3.40 | 2.78 | 2.28 | 1.90 | 1.52 |
| | | 0.75 | 6.50 | 6.36 | 4.82 | 3.86 | 3.22 | 2.76 | 2.28 | 1.90 | 1.52 |
| | | 0.55 | 6.50 | 4.68 | 3.51 | 2.81 | 2.34 | 2.01 | 1.75 | 1.56 | 1.40 |
| | | 0.48 | 6.14 | 4.09 | 3.07 | 2.46 | 2.05 | 1.75 | 1.54 | 1.36 | 1.23 |
| | End | 1.50+ | 5.85 | 5.72 | 4.67 | 3.66 | 2.75 | 2.24 | 1.84 | 1.57 | 1.34 |
| | | 1.20 | 5.85 | 5.72 | 4.67 | 3.66 | 2.75 | 2.24 | 1.84 | 1.57 | 1.34 |
| | | 1.00 | 5.85 | 5.72 | 4.67 | 3.66 | 2.75 | 2.24 | 1.84 | 1.57 | 1.34 |
| | | 0.75 | 5.85 | 5.72 | 4.34 | 3.47 | 2.75 | 2.24 | 1.84 | 1.57 | 1.34 |
| | | 0.55 | 5.85 | 4.21 | 3.16 | 2.53 | 2.11 | 1.80 | 1.58 | 1.40 | 1.26 |
| | | 0.48 | 5.53 | 3.68 | 2.76 | 2.21 | 1.84 | 1.58 | 1.38 | 1.23 | 1.11 |

DESIGN NOTES

- For timber battens/purlins, use 1.50+ support thickness values.
- Type 17 screws must penetrate more than 25mm into hardwood or 35mm into softwood.
- Metal supports are produced from hi-tensile steel.
- For most economic results use longer internal spans than end spans (in a ratio of 10:8).
- Equal span systems must be designed using end span values.

0.42mm & 0.48mm TRIMCLAD® LIMIT STATE CAPACITY TABLES

Tables and values must be used in conjunction with the Design Notes to Limit State Capacity Tables

0.42mm TRIMCLAD® WITH 4 FASTENERS/SHEET/BATTEN

| LIMIT STATE | SPAN TYPE | SUPPORT THICKNESS (mm) | PRESSURE (kPa) FOR SPAN (mm) | | | | | | | | |
|----------------|-----------|------------------------|------------------------------|------|------|------|------|------|------|------|------|
| | | | 600 | 900 | 1200 | 1500 | 1800 | 2100 | 2400 | 2700 | 3000 |
| SERVICEABILITY | Internal | All | 5.39 | 5.12 | 3.88 | 2.94 | 2.14 | 1.75 | 1.29 | 0.94 | 0.76 |
| | End | All | 4.60 | 4.43 | 3.24 | 2.41 | 1.72 | 1.30 | 0.99 | 0.75 | 0.47 |
| STRENGTH | Internal | 1.50+ | 9.06 | 8.43 | 6.77 | 5.51 | 4.48 | 3.91 | 3.34 | 2.77 | 2.40 |
| | | 1.20 | 9.06 | 8.19 | 6.14 | 4.91 | 4.09 | 3.51 | 3.07 | 2.73 | 2.40 |
| | | 1.00 | 9.06 | 7.60 | 5.70 | 4.56 | 3.80 | 3.26 | 2.85 | 2.53 | 2.28 |
| | | 0.75 | 9.06 | 6.43 | 4.82 | 3.86 | 3.22 | 2.76 | 2.41 | 2.14 | 1.93 |
| | | 0.55 | 7.02 | 4.68 | 3.51 | 2.81 | 2.34 | 2.01 | 1.75 | 1.56 | 1.40 |
| | | 0.48 | 6.14 | 4.09 | 3.07 | 2.46 | 2.05 | 1.75 | 1.54 | 1.36 | 1.23 |
| | End | 1.50+ | 6.34 | 5.90 | 4.74 | 3.86 | 3.14 | 2.74 | 2.34 | 1.94 | 1.68 |
| | | 1.20 | 6.34 | 5.90 | 4.74 | 3.86 | 3.14 | 2.74 | 2.34 | 1.94 | 1.68 |
| | | 1.00 | 6.34 | 5.90 | 4.74 | 3.86 | 3.14 | 2.74 | 2.34 | 1.94 | 1.68 |
| | | 0.75 | 6.34 | 5.79 | 4.34 | 3.47 | 2.89 | 2.48 | 2.17 | 1.93 | 1.68 |
| | | 0.55 | 6.32 | 4.21 | 3.16 | 2.53 | 2.11 | 1.80 | 1.58 | 1.40 | 1.26 |
| | | 0.48 | 5.53 | 3.68 | 2.76 | 2.21 | 1.84 | 1.58 | 1.38 | 1.23 | 1.11 |

0.48mm TRIMCLAD® WITH 4 FASTENERS/SHEET/BATTEN

| LIMIT STATE | SPAN TYPE | SUPPORT THICKNESS (mm) | PRESSURE (kPa) FOR SPAN (mm) | | | | | | | | |
|----------------|-----------|------------------------|------------------------------|------|------|------|------|------|------|------|------|
| | | | 600 | 900 | 1200 | 1500 | 1800 | 2100 | 2400 | 2700 | 3000 |
| SERVICEABILITY | Internal | All | 5.31 | 4.93 | 3.95 | 3.24 | 2.78 | 1.92 | 1.44 | 1.27 | 1.07 |
| | End | All | 5.30 | 3.93 | 3.58 | 3.24 | 2.37 | 1.63 | 1.25 | 0.90 | 0.65 |
| STRENGTH | Internal | 1.50+ | 9.87 | 9.01 | 7.61 | 6.51 | 5.55 | 4.72 | 4.02 | 3.52 | 3.07 |
| | | 1.20 | 9.87 | 8.19 | 6.14 | 4.91 | 4.09 | 3.51 | 3.07 | 2.73 | 2.46 |
| | | 1.00 | 9.87 | 7.60 | 5.70 | 4.56 | 3.80 | 3.26 | 2.85 | 2.53 | 2.28 |
| | | 0.75 | 9.65 | 6.43 | 4.82 | 3.86 | 3.22 | 2.76 | 2.41 | 2.14 | 1.93 |
| | | 0.55 | 7.02 | 4.68 | 3.51 | 2.81 | 2.34 | 2.01 | 1.75 | 1.56 | 1.40 |
| | | 0.48 | 6.14 | 4.09 | 3.07 | 2.46 | 2.05 | 1.75 | 1.54 | 1.36 | 1.23 |
| | End | 1.50+ | 7.98 | 7.50 | 6.79 | 5.71 | 4.76 | 3.94 | 3.41 | 2.95 | 2.56 |
| | | 1.20 | 7.98 | 7.37 | 5.53 | 4.42 | 3.68 | 3.16 | 2.76 | 2.46 | 2.21 |
| | | 1.00 | 7.98 | 6.84 | 5.13 | 4.11 | 3.42 | 2.93 | 2.57 | 2.28 | 2.05 |
| | | 0.75 | 7.98 | 5.79 | 4.34 | 3.47 | 2.89 | 2.48 | 2.17 | 1.93 | 1.74 |
| | | 0.55 | 6.32 | 4.21 | 3.16 | 2.53 | 2.11 | 1.80 | 1.58 | 1.40 | 1.26 |
| | | 0.48 | 5.53 | 3.68 | 2.76 | 2.21 | 1.84 | 1.58 | 1.38 | 1.23 | 1.11 |

DESIGN NOTES

- For timber battens/purlins, use 1.50+ support thickness values.
- Type 17 screws must penetrate more than 25mm into hardwood or 35mm into softwood.
- Metal supports are produced from hi-tensile steel.
- For most economic results use longer internal spans than end spans (in a ratio of 10:8).
- Equal span systems must be designed using end span values.

0.35mm & 0.42mm TRIMCLAD® SPAN CHART

Tables and values must be used in conjunction with the Design Notes to Limit State Capacity Tables

0.35mm TRIMCLAD® WALLING ONLY

| FASTENER FREQUENCY | SPAN TYPE | SUPPORT THICKNESS (mm) | ROOF SPANS (mm) FOR WIND CATEGORY | | | | | | WALL SPANS (mm) FOR WIND CATEGORY | | | | | |
|--------------------|-----------|------------------------|-----------------------------------|----|----|----|----|----|-----------------------------------|------|------|------|------|------|
| | | | N1 | N2 | N3 | N4 | N5 | N6 | N1 | N2 | N3 | N4 | N5 | N6 |
| 4 | Internal | 1.50+ | na | | | | | | 3000 | 3000 | 2700 | 2050 | 1550 | 1150 |
| | | 1.20 | | | | | | | 3000 | 3000 | 2700 | 2050 | 1550 | 1150 |
| | | 1.00 | | | | | | | 3000 | 3000 | 2700 | 2050 | 1500 | 1100 |
| | | 0.75 | | | | | | | 3000 | 3000 | 2700 | 1900 | 1300 | 950 |
| | | 0.55 | | | | | | | 3000 | 3000 | 2050 | 1400 | 950 | 700 |
| | | 0.48 | | | | | | | 3000 | 2800 | 1800 | 1200 | 800 | 600 |
| | End | 1.50+ | na | | | | | | 2400 | 2400 | 2150 | 1600 | 1200 | 900 |
| | | 1.20 | | | | | | | 2400 | 2400 | 2150 | 1600 | 1200 | 900 |
| | | 1.00 | | | | | | | 2400 | 2400 | 2150 | 1600 | 1200 | 850 |
| | | 0.75 | | | | | | | 2400 | 2400 | 2150 | 1500 | 1000 | 750 |
| | | 0.55 | | | | | | | 2400 | 2400 | 1600 | 1100 | 750 | |
| | | 0.48 | | | | | | | 2400 | 2200 | 1400 | 950 | 600 | |

0.42mm TRIMCLAD®

| FASTENER FREQUENCY | SPAN TYPE | SUPPORT THICKNESS (mm) | ROOF SPANS (mm) FOR WIND CATEGORY | | | | | | WALL SPANS (mm) FOR WIND CATEGORY | | | | | |
|--------------------|-----------|------------------------|-----------------------------------|------|------|------|------|-----|-----------------------------------|------|------|------|------|------|
| | | | N1 | N2 | N3 | N4 | N5 | N6 | N1 | N2 | N3 | N4 | N5 | N6 |
| 4 | Internal | 1.50+ | 1900 | 1900 | 1900 | 1900 | 1400 | 950 | 3000 | 3000 | 2850 | 2450 | 1800 | 1350 |
| | | 1.20 | 1900 | 1900 | 1900 | 1800 | 1250 | 900 | 3000 | 3000 | 2850 | 2400 | 1650 | 1200 |
| | | 1.00 | 1900 | 1900 | 1900 | 1700 | 1150 | 800 | 3000 | 3000 | 2850 | 2250 | 1500 | 1150 |
| | | 0.75 | 1900 | 1900 | 1900 | 1400 | 950 | 700 | 3000 | 3000 | 2850 | 1900 | 1300 | 950 |
| | | 0.55 | 1900 | 1900 | 1550 | 1050 | 700 | | 3000 | 3000 | 2050 | 1400 | 950 | 700 |
| | | 0.48 | 1900 | 1900 | 1350 | 900 | 600 | | 3000 | 2800 | 1800 | 1200 | 800 | 600 |
| | End | 1.50+ | 1350 | 1350 | 1350 | 1350 | 850 | 750 | 2400 | 2400 | 2250 | 1850 | 1300 | 800 |
| | | 1.20 | 1350 | 1350 | 1350 | 1350 | 850 | 700 | 2400 | 2400 | 2250 | 1850 | 1300 | 800 |
| | | 1.00 | 1350 | 1350 | 1350 | 1100 | 750 | 600 | 2400 | 2400 | 2250 | 1800 | 1200 | 800 |
| | | 0.75 | 1350 | 1350 | 1350 | 1100 | 750 | | 2400 | 2400 | 2250 | 1500 | 1000 | 750 |
| | | 0.55 | 1350 | 1350 | 1200 | 800 | | | 2400 | 2400 | 1600 | 1100 | 750 | |
| | | 0.48 | 1350 | 1350 | 1050 | 700 | | | 2400 | 2200 | 1400 | 950 | 600 | |

DESIGN NOTES

- Spans shown reflect the minimum value of the Serviceability, Strength and Foot Traffic tables.
- The Wind Category is based on AS 4055 and results include an allowance for local pressure factors.
- If roof pitch is less than 10 degrees, then increase the Wind Category upwards by 1, and apply to an area not less than 1.2m from all corners.
- For timber battens/purlins use 1.5+ support thickness values.
- Metal supports are produced from hi-tensile steel.
- For most economic results use longer internal spans than end spans (in a ratio of 10:8).
- Equal span systems must be designed using end span values.

0.48mm TRIMCLAD® SPAN CHART

Tables and values must be used in conjunction with the Design Notes to Limit State Capacity Tables

0.48mm TRIMCLAD®

| FASTENER FREQUENCY | SPAN TYPE | SUPPORT THICKNESS (mm) | ROOF SPANS (mm) FOR WIND CATEGORY | | | | | | WALL SPANS (mm) FOR WIND CATEGORY | | | | | |
|--------------------|-----------|------------------------|-----------------------------------|------|------|------|------|------|-----------------------------------|------|------|------|------|------|
| | | | N1 | N2 | N3 | N4 | N5 | N6 | N1 | N2 | N3 | N4 | N5 | N6 |
| 4 | Internal | 1.50+ | 2600 | 2600 | 2600 | 2250 | 1650 | 1100 | 3000 | 3000 | 3000 | 2750 | 2150 | 1650 |
| | | 1.20 | 2600 | 2600 | 2600 | 1800 | 1250 | 900 | 3000 | 3000 | 3000 | 2400 | 1650 | 1200 |
| | | 1.00 | 2600 | 2600 | 2500 | 1700 | 1150 | 800 | 3000 | 3000 | 3000 | 2250 | 1500 | 1150 |
| | | 0.75 | 2600 | 2600 | 2100 | 1400 | 950 | 750 | 3000 | 3000 | 2850 | 1900 | 1300 | 950 |
| | | 0.55 | 2600 | 2400 | 1550 | 1050 | 700 | | 3000 | 3000 | 2050 | 1400 | 950 | 700 |
| | | 0.48 | 2600 | 2100 | 1350 | 900 | 600 | | 3000 | 2800 | 1800 | 1200 | 800 | 600 |
| | End | 1.50+ | 1900 | 1900 | 1900 | 1800 | 1300 | | 2400 | 2400 | 2400 | 2200 | 1700 | 1300 |
| | | 1.20 | 1900 | 1900 | 1900 | 1400 | 1000 | | 2400 | 2400 | 2400 | 1900 | 1300 | 950 |
| | | 1.00 | 1900 | 1900 | 1900 | 1350 | 900 | | 2400 | 2400 | 2400 | 1800 | 1200 | 900 |
| | | 0.75 | 1900 | 1900 | 1650 | 1100 | 750 | | 2400 | 2400 | 2250 | 1500 | 1000 | 750 |
| | | 0.55 | 1900 | 1900 | 1200 | 800 | | | 2400 | 2400 | 1600 | 1100 | 750 | |
| | | 0.48 | 1900 | 1650 | 1050 | 700 | | | 2400 | 2200 | 1400 | 950 | 600 | |

DESIGN NOTES

- Spans shown reflect the minimum value of the Serviceability, Strength and Foot Traffic tables.
- The Wind Category is based on AS 4055 and results include an allowance for local pressure factors.
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- For most economic results use longer internal spans than end spans (in a ratio of 10:8).
- Equal span systems must be designed using end span values.

Can we assist with any additional
Steel Building Products?



QLD

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