



SHELTER & GRANDSTANDS

FACILITY GUIDE



INFRASTRUCTURE



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ACKNOWLEDGEMENT

Football Queensland would like to acknowledge the work, support and guidance provided by Felton Industries in the development of this Shelter & Grandstands Facility Guide.



This Guide has been developed to assist Local Council Authorities, consultants, building designers, developers, clubs, and zones to plan and deliver successful shelter and grandstand projects.

DISCLAIMER: This Guide has been developed to provide general guidance to local Council, clubs, and associations in Queensland to assist them with shelter and grandstand projects. The contents of this Guide should not be used for any other purpose or reproduced or communicated without the consent of Football Queensland. Football Queensland makes no representation or warranty about the accuracy or completeness of the information contained in the Guide. You should not rely solely on the information in this Guide and should make independent inquiries, including seeking professional advice. To the extent permitted by law, Football Queensland disclaims any responsibility and liability for any cost, expense, loss or damage incurred by any entity or person relying on the information contained in this Guide.

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INTRODUCTION

Sporting facilities are typically wide-open spaces with minimal consideration for spectator or player shade protection or seating. Regardless of the size or location of the facility, shade and seating for players, officials and spectators is essential as participation in football events can be for considerable amounts of time.

Football Queensland has created this Shelter & Grandstands Facility Guide to provide information, recommendations and solutions for clubs and local councils to install shelters and suitable seating at sporting facilities.

Sporting facilities that provide shelter and spectator seating are more likely to see an increase in crowd support which may increase canteen spending and member registrations.



SHELTERS & GRANDSTANDS

The Queensland Department of Health provides guidelines for the recommended provision of shade and grandstands for sporting fields.

Considerations from the guidelines state:

- There is a requirement for 100% shade protection for players when they are off the field if possible.
- Shade should not hinder spectator view.
- Grandstands should face south if possible.
- Additional design features can improve the shade protection for grandstands e.g., installation of adjustable screening hung vertically from the front of the grandstand roof and the side screening particularly on the northern and western sides.
- Provision of multilingual signs highlighting:
 - The daily UV indexes.
 - The five sun protection behaviours
 - Locations where shade is provided at this facility.

More guidance can be found [here](#) on the QLD Health website.

Quality & Effective Structures

Correctly positioned and well-designed shelters and grandstands can provide protection from UV radiation all year round for players and spectators.

Well-designed shelters should:

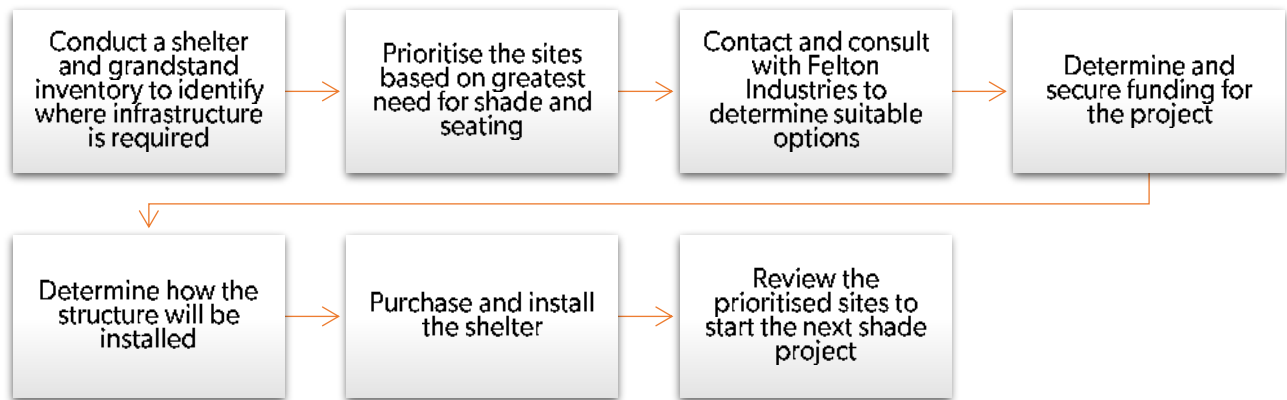
- Provide a barrier that protects users from direct and indirect sources of UV radiation.
- Provide shade that is practical, attractive, and environmentally friendly.
- Ensure the outdoor space is comfortable to use in all seasons.
- The structure considers air temperature, humidity, air movement and heat radiated from the sun and surroundings.

Well-designed grandstands should:

- Require little maintenance.
- Designed for the Queensland environment including:
 - Cyclone rating for Northern regions.
 - Will not rust or fade when left in exposed locations.
- Be portable if unable to be permanently secured.
- Be fully enclosed between tiers for safety.
- Include safety and security measures e.g., mesh safety surround for multi-tiered grandstands.



Project Considerations & Checklist



Conducting a Shelter & Grandstand Inventory

Assess your facility and identify areas where large amounts of activity take place particularly where people congregate. This usually includes areas close to a canteen, spectator viewing points and off-field areas near dugouts.

Prioritising Shelter & Grandstand Sites

Using the shade inventory list, assess each area using these criteria:

- Time of Use
 - Particularly between 11am and 3pm when UV radiation levels are generally the highest.
- Duration of Use
 - The longer the exposure to UV radiation, the greater the risk of harm.
- Level of Use
 - High use areas should take priority over sites that are used less often.

Contact FQ's Shelter & Grandstand Expert

Football Queensland's preferred supplier for shelters and grandstands is Felton Industries.

Felton Industries have been working with a wide range of sports clubs state-wide to supply their spectator seating including grandstands and shade shelters. Their outdoor furniture is certified as Australian made and is of the highest quality and safety.

Contact Felton on 1800 83 40 16, email sales@felton.net.au or visit the website <https://felton.net.au/>

Conducting a Shelter & Grandstand Audit

A shelter and grandstand audit has five steps:

1. Determine the usage patterns of the site.
2. Determine the amount of useability of existing shade and seating at the site.
3. Consider the effects of reflected UV radiation.
4. Assess the need for improved or increased shade and seating at the site.
5. Identify possible options to improve shade and seating at the site.

Planning & Implementing

Post completing the audit, the final steps in completing the project include planning, implementing, managing, and evaluating.

These steps should be done in consultation with a shelter and grandstand structure specialist who will assist the club in:

- Forming a project team to develop the project.
- Draw up a detailed site plan.
- Provide suitable shelter and grandstand options for the selected site/s
- Quote on suitable product options (to include installation and project management
 - Includes preparing a design brief to assist in securing funding.
- Identify what permits, approvals and documentation is required.
 - Consultation with building and planning departments of local council is required to ensure project approval.
- Determine any external constraints e.g. heritage issues, environmental impact considerations
- Develop a timeline for the project.

Funding & Financial Support

A variety of funding opportunities exist for sporting clubs to purchase infrastructure. View open and relevant funding programs [here](#).

Financing is also available for sporting clubs through Felton's finance partner Finlease. Clubs can apply for finance [here](#) and download an infographic highlighting ten good reasons to consider financing.

Eligible sporting clubs can also claim an immediate deduction for the business portion of the cost of an asset in the year the asset is first used or installed ready for use. Suitable assets include shelters and grandstands. Visit the [Australian Taxation Office webpage](#) for more information on the program.



PRODUCT RECOMMENDATIONS

Sunsafe Select Grandstand



\$13,850.00 ex. GST

Product Code: SELG4T4R



7 YEAR
WARRANTY



BENCHMARK
ENGINEERING



UP TO 20% MORE
ALUMINIUM



CYCLONE RATED
PRODUCTS



AUSTRALIAN MADE
AND OWNED

A structurally engineered all-in-one unit that provides shade and shelter for up to 40 people.

- Structurally engineered all-in-one roof
- Footrests & backrests with extra safety support bar
- Built to last durable fabricated aluminium frame
- Cyclone Rated Category C
- Coloured Safety End Caps available in red, blue, green, purple, yellow and orange.

Roof Coverage: 5150mm W x 3540mm D
Seating Plan: 2250mm D x 4000mm L x 900mm H (4th Tier)

Overall Plan: 5150mm L x 2400mmH (4 Tier) x 3540mm D

6x3 Aluminium Skillion Shelter



\$8,495.00 ex. GST

Product Code: FELASS63



7 YEAR
WARRANTY



BENCHMARK
ENGINEERING



UP TO 20% MORE
ALUMINIUM



CYCLONE RATED
PRODUCTS



AUSTRALIAN MADE
AND OWNED

The Aluminium Skillion Shelter features an architectural louvre screen and 6m Colorbond Roof providing an extensive 18 square metres of shaded shelter.

- 6mtr x 3mtr Aluminium Skillion Shelter
- Full Aluminium Frame Construction
- 7.6 Degree Skillion Roof Design
- Aluminium strip Louvre Screen included on 1 x 6mtr side as standard
- Engineered for Wind Region C Terrain Category 2.5
- Bolt Down Footing Design Only
- Colorbond® Iron Roofing Material – Deep Ocean Standard with Alternative Colour Options Available
- Dulux Powder Coating Colour Range Available

Overall Dimensions: 6010mm Long x 3073mm Wide x 2920mm High (at highest point)

[VIEW THE ENTIRE SHELTER & GRANDSTAND RANGE HERE](#)

Select Grandstand



\$6,180.00 – \$9,270.00 ex. GST

Product Code SELG4T4 / SELG4T6



7 YEAR WARRANTY



BENCHMARK ENGINEERING



UP TO 20% MORE ALUMINIUM



NEED HELP? GET IN TOUCH



AUSTRALIAN MADE AND OWNED

Take your spectating to a new level with the Select Grandstand. Choose the winner – stronger and safer than its market competitors. Available in 4m and 6m lengths suitable for existing shade areas.

- 4m fits up to 40 fans and 6m up to 60 fans in the stands for your next game
- Bolt it down or move it around
- Most popular grandstand 3 years running!
- Coloured Safety End Caps available in red, blue, green, purple, yellow and orange

4m Overall Plan: 4000mm W x 1270mm H (900mm H 4th tier) x 2250mm D

6m Overall Plan: 6000mm W x 1270mm H (900mm H 4th tier) x 2250mm D

Elite Portable Grandstand



\$19,600.00 – \$29,200.00 ex. GST



7 YEAR WARRANTY



BENCHMARK ENGINEERING



UP TO 20% MORE ALUMINIUM



NEED HELP? GET IN TOUCH



AUSTRALIAN MADE AND OWNED

With an innovative new design – the Elite Portable Grandstand is a standout. Its advanced features include a raised height to ensure uninterrupted sight lines and a superior view from every seat.

- Raised height for superior views and uninterrupted sight lines from every seat
- Comfortably seats 55 people
- Highly portable with new towable sled base and fork tine access
- Fully enclosed between tiers for user safety
- Full mesh safety surround
- Designated access walkway
- Double plank foot wells
- 100% aluminium construction – high durability
- Available in 6m or 9m lengths

6m Overall Plan: 2780mm H x 2960mm D x 6330mm L

9m Overall Plan: 2780mm H x 2960mm D x 9330mm L

[**VIEW THE ENTIRE SHELTER & GRANDSTAND RANGE HERE**](#)

KEY CONTACT

Felton Industries
1800 83 40 16
sales@felton.net.au
<https://felton.net.au>



FURTHER READING

Links & Resources

- [SunSmart Shade Guidelines](#)
- [Protect your skin – stay SunSmart every day](#)
- [SunSmart Shade Initiative](#)
- [Technical Guidelines for Shade Provision in Public Facilities – QLD Government](#)



FOOTBALL
QUEENSLAND