PROSCAF

MANUFACTURED BY SAFESMART ACCESS

TEMPORARY PUBLIC ACCESS STRUCTURES

SYD 02 8844 4500 MEL 03 8335 0082 BNE 07 3434 3573 www.proscaf.com

PROSCAF: MORE THAN SCAFFOLD

Over many years, Proscaf has established itself as the premier scaffolding system in demanding industries, where engineered access solutions are required.

Through a combination of innovative system components and integral system features, Proscaf enables installers to safely build complex structures, whilst maximising efficiency of material and labour time.

However, Proscaf is not just used to build traditional scaffolding structures.

With a complementary range of Public Access compliant components, Proscaf allows for the efficient design and install of Public Access stairs, ramps, viewing towers, and staging.

These components are certified, compliant, and in stock.

Additionally, design support, technical data and system information packs are available - to aid your engineers, in design.

GLOBAL REACH

PROSCAF: MORE THAN SCAFFOLD

Australian Public Access Compliance Requirements:

The Proscaf public access system is tailored to the requirements specified for public access compliance, unlike most scaffold systems.

There are some key considerations to comply with public pedestrian access standards which differ significantly from requirements given in the Scaffolding Standard AS/NZS 1576.

In fact, there is indeed some guidance available for such temporary structures used for public pedestrian access whose basis aligns with the National Construction Code and Australian Standards, as listed below:

Reference Documents:

- Temporary Structures Standard:2015 - Australian Building Codes Board (ABCB); (Note: This Standard does not contain requirements for access for people with a disability, nor contain requirements for construction scaffolding)
- National Construction Code: 2016-Volume Two - Australian Building Codes Board (ABCB);
- ABCB Advisory Note: Slip Resistance for Stairways, landings and ramps;
- AS1428.1 –2009 Design for access and mobility - General requirements ……;
- AS 4586-2013 Slip resistance classification of new pedestrian surface materials

Both stairs and ramps used for public access have specific geometry, width, tread characteristic and gap requirements, each of which are given in both the ABCB Temporary Structure Standard (Part 5.1.3) and the National Construction Code Table 5.1.3).

Be aware that these geometry requirements differ from those given in the Scaffolding Standard, AS/NZS 1576 or the Fixed platforms & Walkways Standard AS1657, so take note of the differences.

Ramps are required to have specific slopes and include landings at specified intervals. These requirements can differ depending upon who is using the ramps. Ramp and ramp transition geometry can differ when disability access is required.

Further Guidance for such Ramps is given in AS1428.1 and NCC Vol. 2 Part 3.9.1.3 Handrails & Barriers Specific height, clear width and continuity and extension characteristics for Handrails and Barriers used for public access are required for public access which differ significantly from typical requirements given in AS/NZS1576.

Refer to both Sections 5.1.4 to 5.1.7.6 the ABCB Standard and AS1428 for other specific requirements relating to Handrails and Barriers.

Some key areas to consider for addressing such compliance (required in the above reference documents) are:

Slip Resistance

Surfaces of stairs, ramps and associated landings are required to be slip resistant and such slip resistance must meet ratings specified in the reference documents.

For specific Guidance Refer to the ABCB Advisory Note: Slip Resistance for Stairways, Landings and ramps and AS4586.

Design Load Requirements

The ABCB Standard gives requirements for structural provisions in which AS/NZS1170.1 is given as a reference document for determination of applied design loads:

Typically for any such Structure, design loads (actions) that need to be considered are:

- Permanent Actions (Dead Loads)
- Imposed Actions (Live Loads)
- Environmental Actions

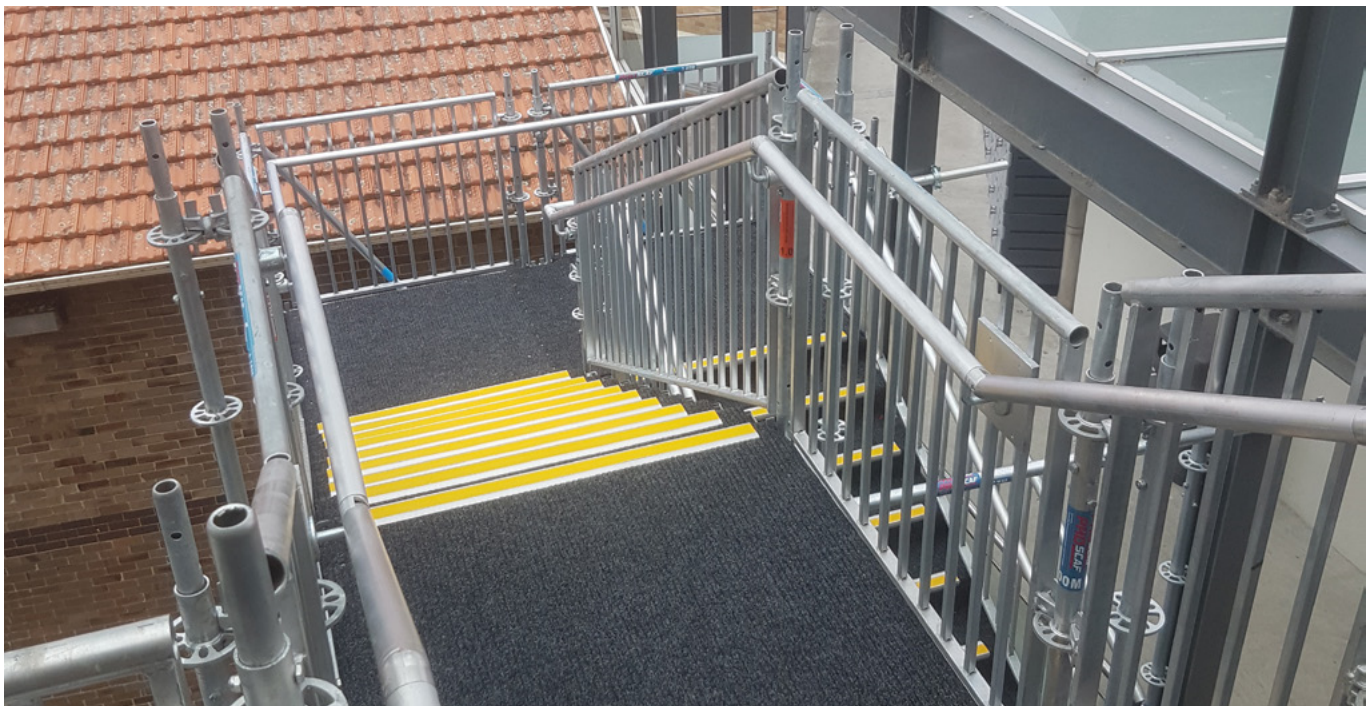
Statutory Requirements

Each State or Territory may have their own specific requirements for such temporary structures and therefore reference needs to be made to such legislation to determine if other compliance requirements are to be met.

Certification

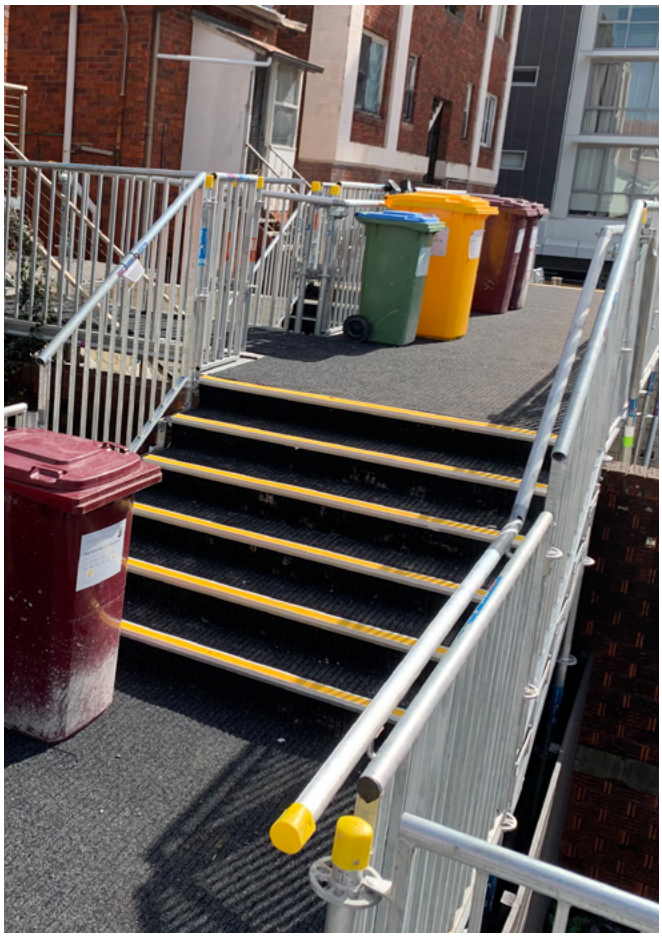
Depending on client requirements, such stairs and ramps constructed for public use may need to be Certified by a registered Public Certifier. In this case it is prudent to discuss design with a Public Certifier before finalising the structure to be built.

PUBLIC ACCESS STAIRS



PUBLIC ACCESS RAMPS & WALKWAYS

PUBLIC ACCESS RAMPS & WALKWAYS



PUBLIC ACCESS RAMPS & WALKWAYS

PUBLIC ACCESS VIEWING TOWERS

SWIFTSTAGE STAGING

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