

STAIRCARE FRP™ MATERIAL FOR FOOD PREMISES

Tailor made FRP solutions for
an array of industries since 2004



STAIRCAREFRP
COMPOSITE DESIGN & FABRICATION

STAIRCARE FRP PLATFORM MATERIAL COMPLIANCE WITH AS4674 –2004; DESIGN, CONSTRUCTION AND FIT-OUT OF FOOD PREMISES

Staircare SC-R™ is the trade mark for our FRP materials that offer all the advantages including; corrosion resistance, non-conductive, UV resistant, low maintenance, no repainting, easily cleaned with water pressure for a long service life in the most demanding environments.

Staircare SC-R Platforms built with FRP (Fibre-Reinforced Polymer) materials can comply with AS4674-2004, "Design, Construction and Fitout of Food Premises," by meeting the standard's requirements for hygiene, safety, durability, and ease of maintenance. Here's how Staircare SC-R platforms align with these key areas:



KEY COMPLIANCE AREAS OF AS4674-2004

1.EASE OF CLEANING AND SANITIZATION

■ SMOOTH AND IMPERVIOUS SURFACES:

AS4674-2004 emphasizes the importance of surfaces being smooth and impervious to facilitate cleaning and prevent contamination.

■ FRP COMPLIANCE:

Staircare FRP materials, are coated with a gel coat resin finish, creating a smooth, non-porous surface that is easy to clean. This surface resists absorption of moisture and prevents the build-up of bacteria and mould, ensuring compliance with hygiene requirements.

2. DURABILITY AND MAINTENANCE

■ RESISTANCE TO DAMAGE:

The standard requires materials to be durable and resistant to chipping, cracking, and peeling.

■ FRP COMPLIANCE:

Staircare SC-R, FRP is highly durable and resistant to corrosion, chemicals, and impacts, making it an excellent choice for the harsh conditions often found in food premises. Its long lifespan and low maintenance needs contribute to compliance by ensuring consistent performance without frequent repairs or replacements.

3. SAFETY FEATURES

■ SLIP RESISTANCE:

AS4674-2004 mandates that floors and platforms should be slipresistant to ensure safety

■ FRP COMPLIANCE:

Staircare SC-R, FRP Platforms are manufactured with slip-resistant surfaces, to provide secure footing and prevent slips and falls we use SC-R Grating with concave finish that are easy to clean, for Class P5 Slip resistance.

4. DESIGN TO MINIMIZE CONTAMINATION

■ AVOIDING DIRT ACCUMULATION:

The design should prevent the accumulation of dirt,dust, and food particles

■ FRP COMPLIANCE:

Staircare SC-R, FRP FRP platforms are designed with suitable floor grating that prevent water pooling and facilitate easy cleaning. Seamless construction options reduce the potential for dirt and debris accumulation.



PRACTICAL CONSIDERATIONS FOR COMPLIANCE

1. MATERIAL SELECTION AND QUALITY

■ SELECTION:

Staircare SC-R ensures that the FRP materials chosen meet the specific hygiene and safety standards required by AS4674-2004.

■ QUALITY CONTROL:

Use high-quality FRP products from reputable manufacturers to guarantee compliance and performance.

2. DESIGN AND INSTALLATION

■ PROFESSIONAL INSTALLATION:

Use experienced contractors who understand the requirements of AS4674-2004 and can ensure that FRP platforms are installed correctly.

■ SEAMLESS AND HYGIENIC DESIGN:

Staircare SC-R opts for designs that minimize seams and joints, as these can be potential areas for contamination. SC-R structural Profiles are available in seamless lengths of up to 5.8 meters.

3. REGULAR MAINTENANCE AND INSPECTION

■ **CLEANING PROTOCOLS:**

Implement regular cleaning protocols using appropriate cleaning agents that do not damage the FRP surface.

■ **ROUTINE INSPECTIONS:**

Conduct routine inspections to ensure that the platforms remain in good condition, with no signs of wear or damage that could compromise hygiene or safety.

SPECIFIC APPLICATIONS

■ **RAISED WORK PLATFORMS:**

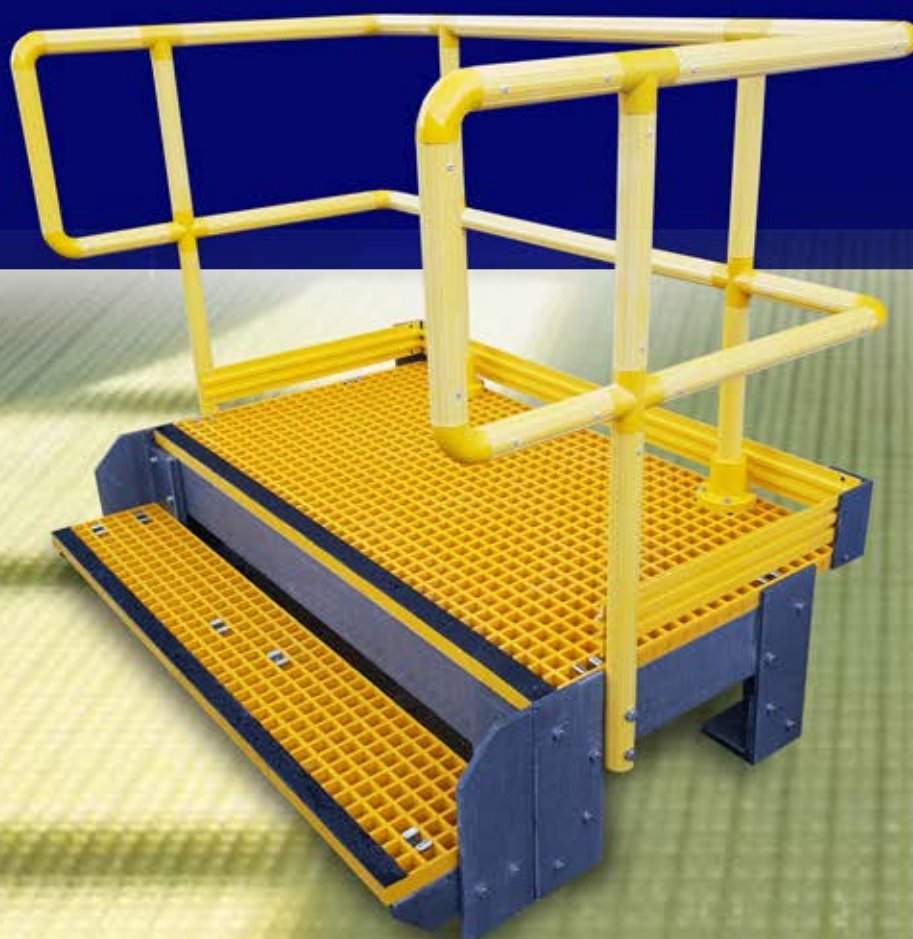
In areas where workers need to access elevated equipment or workspaces, FRP platforms provide a durable, non-slip surface that is easy to clean and maintain.

■ **WALKWAYS AND CATWALKS:**

For access routes within the premises, FRP walkways can be designed with safety features such as handrails and slip-resistant surfaces, ensuring compliance with both hygiene and safety standards.

■ **DRAINAGE PLATFORMS:**

FRP platforms with suitable Floor Grating can help manage water runoff and prevent pooling, which is essential in maintaining a hygienic environment.





IN SUMMARY

Staircare SC-R, FRP platforms can be designed and installed to comply with AS4674-2004 by ensuring they are smooth, impervious, durable, and safe. Staircare ensures proper design and fabrication, while installation and maintenance are also essential for achieving and maintaining compliance with the standard.



STAIRCARE FRP™ MATERIAL FOR FOOD PREMISES



STAIRCAREFRP
COMPOSITE DESIGN & FABRICATION

staircare Australia Pty Ltd 📞 +61 (2) 9939 3838

📍 2/84 old Pittwater Road, Brookvale NSW 2100, Australia

🌐 www.staircare-frp.com.au ✉ info@staircare-frp.com.au