

SSCAR18 Synthetic Turf Installer

Disclaimer

These Occupational Frameworks and Skill Profiles have been developed as workforce planning, occupational mapping and skills reference resources for the Australian textile, clothing and footwear (TCF) industry. They are intended to describe the typical functions, responsibilities, skills and capabilities associated with occupations across the industry.

These documents are not intended to replace or override industrial instruments or employment arrangements, including awards, enterprise agreements, employment contracts, position descriptions, classification structures, licensing or regulatory requirements, or other statutory obligations. Where differences arise, the relevant industrial, legislative or regulatory requirements take precedence. The Skill Profiles should be used as complementary reference documents to support workforce planning, career development, training and skills recognition.

1. Job role

TCF sub-sector	Carpet and Textile Floor Covering Manufacturing
Functional area	Artificial Grass [Synthetic Turf] Design, Manufacturing and Installation
Job role	SSCAR18 Synthetic Turf Installer
Job role description	Installs synthetic turf systems for sports, landscaping and commercial applications, ensuring surfaces meet performance, safety and durability requirements. In the synthetic turf sector, the Synthetic Turf Installer is responsible for preparing sites, laying turf, installing infill and ensuring correct system construction according to specifications and standards. The role bridges manufacturing and end-use application, ensuring that products perform as intended in real-world environments. The installer works with construction teams, project managers and clients to deliver high-quality installations aligned with project requirements and relevant standards.
Performance expectations	• Installing turf systems to specification and quality standards. • Ensuring correct base preparation and drainage. • Achieving accurate turf alignment and seam joining. • Maintaining surface performance and safety requirements. • Minimising installation defects and rework. • Operating tools and equipment safely. • Meeting project timelines and client expectations. • Following WHS and site procedures.
Specialisation	Sports field installation, landscaping turf, shock pad installation, seam joining, infill application.
Application in other sectors	• Landscaping and construction. • Sports facility development. • Civil infrastructure projects. • Flooring and surface installation industries. • Outdoor recreation and leisure environments.

2. Key tasks and critical work functions

Key tasks	• Preparing ground surfaces and base layers. • Installing drainage and sub-base systems. • Laying and aligning synthetic turf rolls. • Cutting and joining seams. • Applying infill materials. • Securing turf edges and fixtures. • Inspecting finished installations. • Maintaining tools and equipment.
Critical work functions	• Ensuring correct system installation and alignment. • Maintaining surface safety and performance. • Preventing installation defects and uneven surfaces. • Supporting durability and longevity of installations. • Ensuring compliance with project specifications. • Maintaining efficient and safe site operations. • Delivering quality outcomes for clients.

3. Technical skills

Site preparation	Preparing ground and base layers.
Turf installation	Laying and aligning turf materials.
Seam joining	Cutting and joining turf sections.
Infill application	Applying sand or rubber infill.
Tool operation	Using installation tools and equipment.
Measurement and alignment	Ensuring accurate layout and dimensions.
Quality inspection	Checking installation quality and finish.
Documentation	Recording installation details and reports.

4. Generic Skills

Attention to detail	Ensuring precise installation.
Problem solving	Addressing site and installation issues.
Physical capability	Performing manual installation tasks.
Communication	Working with teams and clients.
Time management	Meeting project deadlines.
Teamwork	Working on installation crews.
Safety awareness	Applying WHS on construction sites.

5. Emerging skills

Emerging skills	• Advanced installation techniques and machinery. • Sustainable and recyclable turf systems. • Smart surfaces with embedded sensors.
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	• Digital project management tools. • Improved ergonomic and safety practices. • Integration with high-performance sports standards.
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6. VET Qualifications and Skill Sets

Entry-level preparation	AHC21621 Certificate II in Landscaping or equivalent.
Advanced development	AHC30916 Certificate III in Landscape Construction or equivalent.

7. Job progression

Possible job progression	Labourer → Installer → Synthetic Turf Installer → Senior Installer → Site Supervisor → Project Manager.
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8. Classification

Australian Qualifications Framework	Level 2-3.
Australian Bureau of Statistics (ABS) Skill Levels	Skill Level 3.
Open Source Classification of Occupations for Australia (OSCA)	361131 Floor Finisher OSCA Specialisation Carpet layer.



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