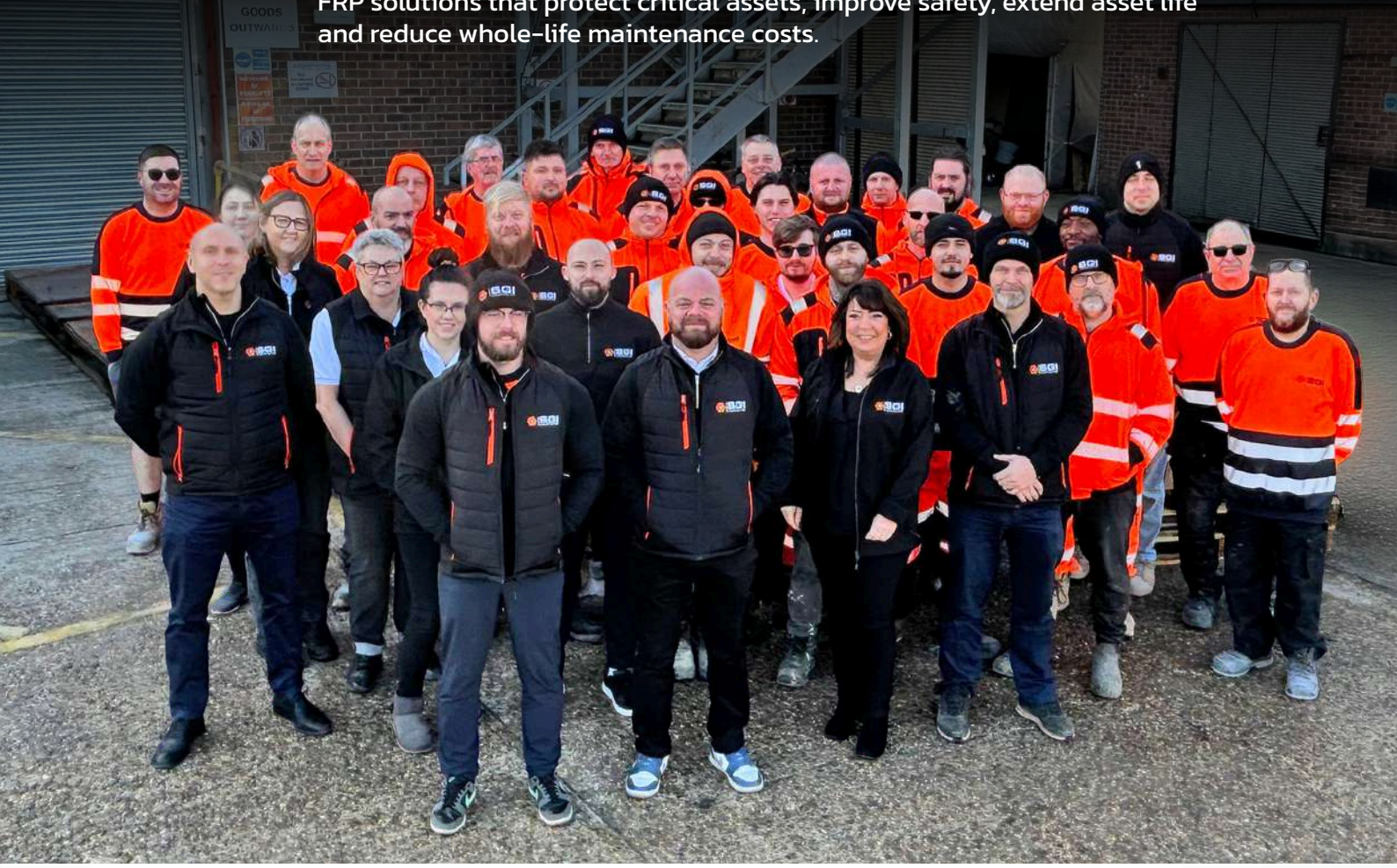
SGI COMPOSITES

LEADERS IN SUSTAINABLE GRP & FRP COMPOSITE SOLUTIONS

UK manufactured composite solutions for infrastructure, industrial, and commercial environments.

Engineering Better Composite Solutions.

SGI Composites partners with infrastructure owners, contractors, utilities and manufacturers to solve complex engineering challenges. Through in-house design, manufacture and installation, we deliver bespoke GRP and FRP solutions that protect critical assets, improve safety, extend asset life and reduce whole-life maintenance costs.



UK Design & Manufacturing

Designed and manufactured in the UK with full control over quality, materials and production.

Lifecycle Durability

Engineered for long-term performance with minimal maintenance.

End-to-End Capability

From design and tooling through to manufacture and installation, we manage the full process in-house.

Responsible Manufacturing

Reducing impact through recycled materials, renewable energy, and long-life product design.

30 YEARS
EST. 1996

Proven Through Experience

For three decades, we've partnered with customers to solve complex engineering challenges, delivering bespoke composite solutions that perform in demanding environments.

Why Customers Choose SGI Composites

- ✓ Bespoke Engineering Solutions
- ✓ Professional Indemnity-Backed Design
- ✓ Structural Calculations & FEA
- ✓ Prototype to Infrastructure Scale
- ✓ Trusted Across Critical Industries
- ✓ Long-Life, Low-Maintenance Solutions

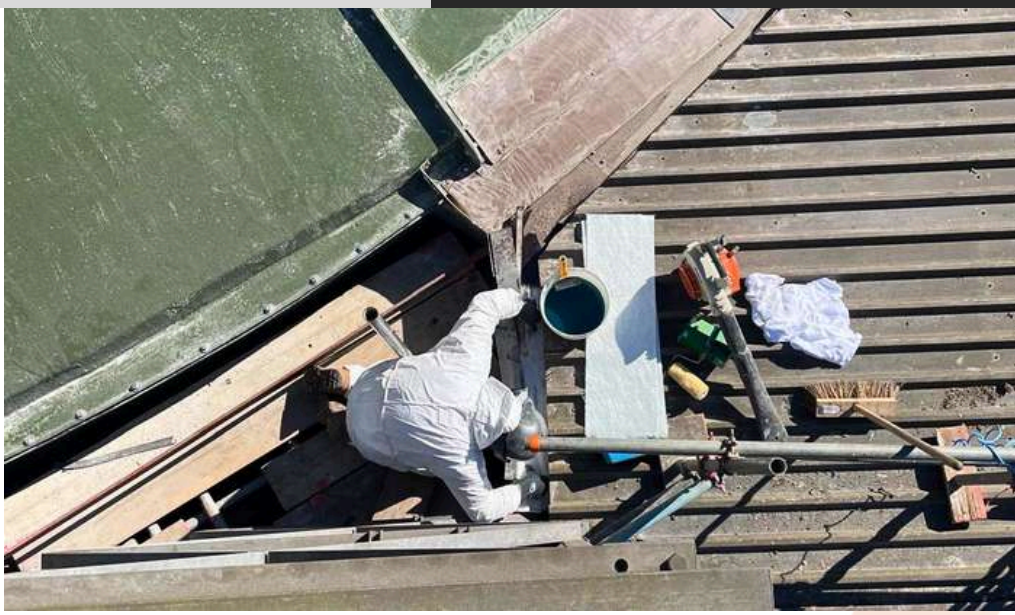
Industries We Serve

- Water & Utilities
- Energy
- Rail
- Construction
- Industrial Manufacturing
- Marine
- Defence
- Commercial Buildings
- Local Authorities
- Food & Beverage

Proven at Every Scale

From bespoke components and one-off engineering solutions to multi-million-pound infrastructure programmes.





Serious about safety.

ISO 9001 | ISO 14001 | ISO 45001

We maintain robust processes across our design, manufacturing, and installation activities to ensure safe working environments for our team, partners, and customers.

Supported by recognised industry accreditations and management systems, we apply strict controls throughout project planning, production, quality assurance, and site delivery, helping customers minimise risk while maintaining the highest standards of safety, compliance, and operational performance.



Full Service Capability

Engineering Support from Concept to Installation

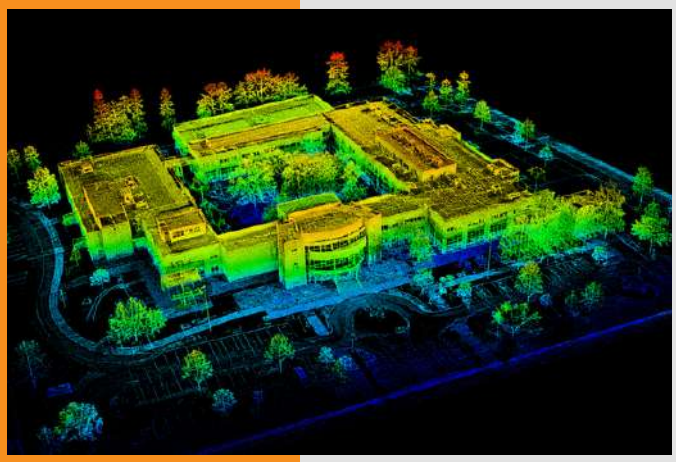
Whether you're replacing an existing asset, delivering a new project or solving a complex engineering challenge, SGI Composites provides complete in-house design, engineering, manufacture and installation. Working as your technical partner, every solution is backed by Professional Indemnity insurance and developed to meet the specific requirements of your project.



Design & Engineering Services

Engineering confidence, backed by in-house expertise.

- FEA reporting & structural validation
- CAD design & manufacturing drawings
- Renderings & technical visualisation
- Product testing & compliance support



Survey & Assessment

Accurate data. Informed decisions.

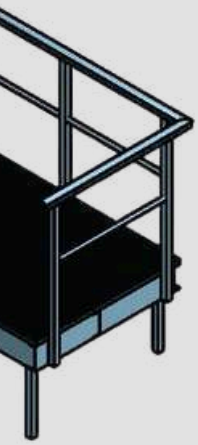
- LiDAR scanning & site measurement
- Detailed take-offs & condition surveys
- Remedial assessment for existing GRP assets
- Technical support from concept through to delivery



Project Support

With you from enquiry to installation.

- Installation planning & coordination
- Service cut-outs & infrastructure integration
- Installation support or full installation delivery
- Flexible collaboration with client engineering teams



LEARN MORE

Composite Solutions

From one-off prototype through to repeat production for infrastructure programmes.

Every project presents unique engineering challenges. SGI Composites designs and manufactures bespoke GRP and FRP solutions engineered around your application, loading requirements, operating environment and installation constraints, delivering reliable performance from prototype through to production.

- ✓ **30 Years Composite Manufacturing**
- ✓ **UK Tooling & Production**
- ✓ **Prototype to Repeat Manufacture**



1 Design

Collaborative design and engineering.



2 Prototype

Testing fit, form, and function.



3 Manufacture

Ready for production and delivery.

From Concept to Component

Our experience spans a wide range of industries and applications, from industrial baths, chemical troughs and bespoke pipework to commercial vehicle bodies, canopies, architectural mouldings, structural enclosures and specialist cladding systems. We work as part of your design, planning and manufacturing supply chain, producing composite components and assemblies that are engineered for consistent quality, efficient production, and reliable long-term performance.

In-House, Start to Finish

We control every stage of the process in-house, from design and tooling through to manufacture, testing, and quality assurance. This ensures consistent quality, full traceability and reliable performance across every stage of manufacture.

Capabilities:

- Bespoke moulded components
- Structural panels & enclosures
- Pipework & vessels
- Industrial & infrastructure solutions
- Prototype to production manufacture

LEARN MORE

Protect Critical Infrastructure

Enclosures & Housings

Critical equipment demands long-term protection. SGI Composites designs and manufactures bespoke GRP enclosures and housings that safeguard electrical, mechanical and process equipment in demanding environments. Engineered for durability, they protect critical assets, reduce maintenance and deliver reliable performance for decades.



Service Cabinets

Weatherproof, tamper-proof cabinets for electrical, telecom, utility and EV charging applications



Modular and Bespoke Enclosures

Standardised or fully bespoke climate-controlled housings with ventilation, insulation and security options



Housings & Modular Buildings

Large-format structures for generators, pump houses, compressors and plant rooms



Pump Enclosures & Root Protection Systems

Bespoke GRP structures engineered for equipment protection, noise reduction, and underground root management

Designed for Demanding Environments

- ✓ **Electrical Infrastructure**
  Kiosks, switchgear and control equipment.
- ✓ **Water & Utilities**
  Pump stations, valve chambers and treatment assets.
- ✓ **Industrial Processing**
  Mechanical equipment, process plant and instrumentation.
- ✓ **Commercial Buildings**
  Rooftop plant, HVAC screening and service equipment.
- ✓ **Transport & Infrastructure**
  Rail, highways and public realm installations.

MADE IN BRITAIN



Reduce Maintenance. Increase Reliability.

Our enclosure systems are engineered to minimise ongoing maintenance while protecting critical equipment from the effects of weather, corrosion and harsh operating environments. The result is lower whole-life costs, fewer maintenance interventions and dependable long-term performance.



Designed Around Your Application.

Protection

- Fire-resistant construction
- UV-stable gel coats
- Thermal insulation

Access & Security

- Hinged or removable access panels
- Security-rated locking systems
- Reinforced structural cores

Internal Fit-Out

- Cable management
- DIN rails & shelving
- Ventilation & cooling systems
- Lighting & sockets

✓ **Any RAL Colour** ✓ **Any Size** ✓ **IP-Rated Options** ✓ **Fire-Rated**

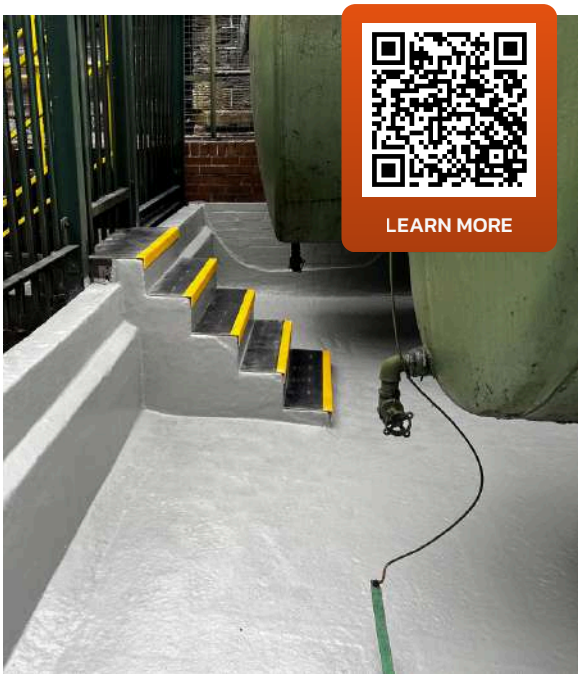




Protect, Repair and Extend Existing Assets

Industrial Linings & Coatings

When critical infrastructure begins to deteriorate, refurbishment can often deliver greater long-term value than replacement. Our engineered lining and coating systems restore and protect existing assets, extending service life, reducing maintenance requirements and minimising disruption to ongoing operations.



LEARN MORE

Typical Applications

Containment & Storage

- Tank Linings
- Bund Linings
- Sprinkler Tanks
- Chambers

Water & Environmental

- Swimming Pools
- Water Features
- Cooling Towers
- Pit & Gully Systems

Buildings & Infrastructure

- Roof Gutters
- Wall Linings
- Wall & Floor Systems
- Industrial Floor Coatings

Surface Preparation & Protection

- Grit Blasting
- Anti-Bacterial Wall Linings
- Chemical-Resistant Coatings



Industrial Fuel Tank Lining for Remote Island Fuel Farm – Solomon, St Helena

Support Compliance & Lower Whole-Life Costs

Meet environmental and containment requirements while reducing leaks, repairs and ongoing maintenance.

Reduce Operational Disruption

Fast installation with minimal downtime, helping avoid costly replacement projects and keeping operations running.

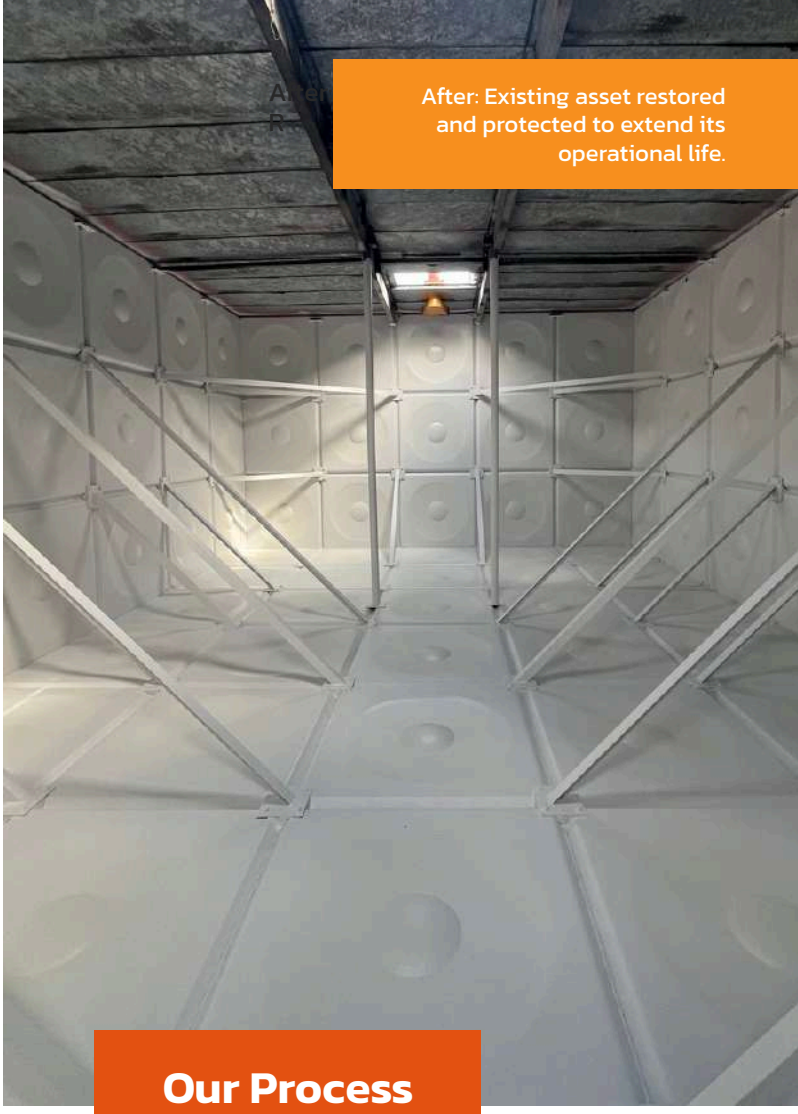
Protect Critical Assets

Extend the service life of tanks, bunds and process infrastructure while protecting against corrosion, chemical attack and abrasion.

Lining systems available with WRAS approval, FDA-compliant materials and rail fuel-approved specifications for critical infrastructure and regulated environments.



Before: Tank showing corrosion through internal coating, risking long-term integrity.



After: Existing asset restored and protected to extend its operational life.

Long-Term Protection and Performance

Every lining system is engineered to suit its operating environment, protecting critical assets while extending service life and reducing maintenance. Fast installation and minimal disruption help organisations keep essential operations running throughout refurbishment projects.

- ✓ Chemical & Corrosion Resistant
- ✓ Heat & Fire Resistant
- ✓ Abrasion Resistant
- ✓ Hygienic & Easy to Clean
- ✓ Weatherproof & Decorative

Most projects are completed within a single planned shutdown, avoiding extended outages and lost production.

Our Process

1. **Site Survey**
   Accurate assessment reduces unnecessary replacement
2. **Surface Preparation**
   Proper preparation maximises long-term adhesion
3. **Prime & Repair**
   Restore substrate integrity before lining installation
4. **Composite Layers**
   Seamless protection installed by highly trained composite technicians
5. **Finish & Topcoat**
   Chemical-resistant finishes tailored to the environment
6. **Handover & Aftercare**
   Long-term support for ongoing asset performance

Every Step Secured

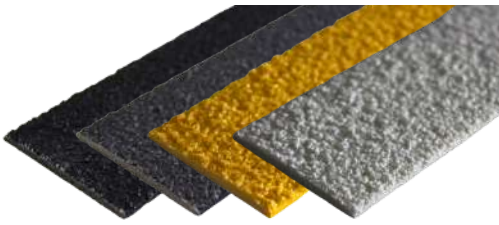
Anti-Slip Solutions by **Safe Tread**

Managing slip risk is about more than meeting compliance. Through our Safe Tread range, SGI Composites designs, manufactures and installs anti-slip systems that improve safety, extend asset life and protect existing infrastructure across stairs, walkways and working environments.

Engineered for rapid retrofit installation, our solutions can be installed directly over existing surfaces with minimal disruption and without the need for costly asset replacement.

Alongside our stocked Standard Range for fast delivery, we also provide bespoke anti-slip solutions manufactured in the UK, tailored to specific dimensions, colours, layouts and performance requirements for more complex or high-traffic environments.

- ✓ Corrosion & fire resistant
- ✓ Anti-slip tested to BS7976-2
- ✓ DDA compliant (white & yellow only)
- ✓ Low maintenance
- ✓ Non-conductive
- ✓ Lightweight





Did you know?

50% of all reported accidents to members of the public that happen in workplaces are caused by slips and trips

Source: HSE







Anti-Slip Strips

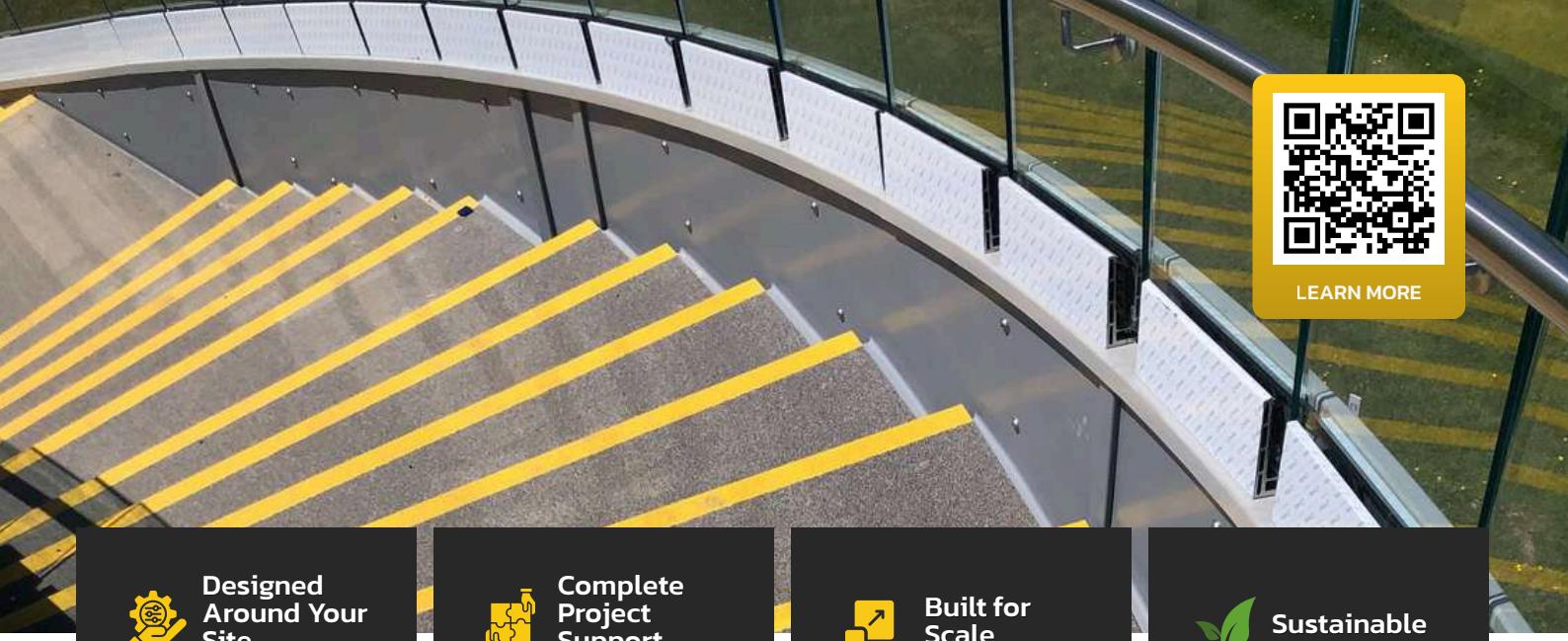
Targeted slip protection for existing surfaces, providing quick, durable grip in high-risk areas without full surface replacement.

Stair Nosing

Designed to protect step edges and improve visibility underfoot, delivering consistent grip where slips are most likely to occur.

Stair Treads

Full-step coverage that creates uniform slip resistance across each tread, removing inconsistencies and improving user confidence.



LEARN MORE

Designed Around Your Site

Solutions developed around your performance requirements.

Complete Project Support

From specification through to installation.

Built for Scale

From individual sites to large-scale programmes.

Sustainable

Built to outlast alternatives, reducing replacement cycles and waste.

From Standard Products to Bespoke Solutions

We offer two anti-slip ranges to suit different project requirements. Our Standard Range is stocked and ready for fast dispatch, while our UK-manufactured Custom Range is built to your exact specification. From design and manufacture through to installation, we provide a complete solution from start to finish.

Standard range

3 YEAR WARRANTY

Custom range

5 YEAR WARRANTY



Floor Sheets

Large-area anti-slip coverage for walkways and platforms, offering a seamless, hard-wearing surface built for heavy traffic.



Grating

Lightweight, corrosion-resistant grating that delivers inherent slip resistance and drainage, ideal for harsh or wet environments.



Tactile Paving

Integrated surface indicators that improve accessibility and safety, helping guide users and highlight changes in level or hazard zones.

Anti-Slip GRP

Access Platforms & Walkways

Safe, reliable access is essential to maintaining critical infrastructure.

SGI Composites designs, manufactures and installs bespoke platforms, walkways and access systems that improve safety and make inspection and maintenance easier.

Engineered around the site, structural requirements and operational constraints, each system integrates with existing infrastructure while minimising installation disruption.

Safe TREAD

Fully Bespoke
Designed and built to your site requirements — size, layout, load, and environment

10-Year Warranty
Backed by ISO 9001 and ISO 14001 — and a 50+ year design life

Complete Project Delivery
Design, manufacture and installation managed by our own teams.

Up to 40% Lower Embodied Carbon
Supporting more sustainable infrastructure projects through lower lifecycle impact.

Engineering Assurance
Structural calculations, FEA and technical validation available.



2,500 linear metres
of walkways, bridges and access platforms
delivered across a live hospital environment.



Specified for the Operating Environment

Lightweight | Fire Retardant | Non Conductive | Chemical Resistant | UV Stable

Engineered as a Complete Access System

Every access system is engineered around the site, structural loads and maintenance requirements. Spans, supports and fixings are designed as an integrated system, with manufacture controlled in our UK facility for quality and traceability.

Systems are supplied with detailed drawings and labelled components, with installation available from our own teams for complete project delivery.

LEARN MORE

Typical Applications

- Rooftop Access & Maintenance
- Elevated Access Platforms
- Industrial Process Areas
- Bridges & Infrastructure
- Rail, Water & Utilities Environments
- Plant & Equipment Access







GRP Spill Containment Systems by **Safe Spill**

Effective spill containment protects people, operations and the environment from uncontrolled releases.

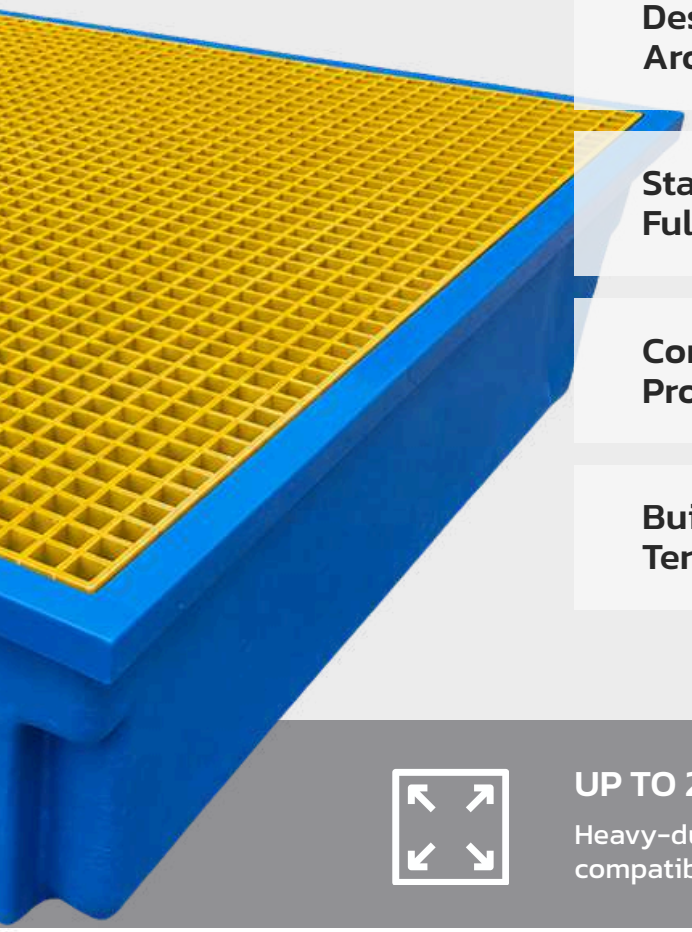
Through Safe Spill, SGI Composites provides containment systems engineered around the liquids being stored, required capacity, site conditions and operational risks.

From standard products to fully bespoke installations, we provide reliable secondary containment as part of a wider safety and compliance strategy.



Spill Containment is Operational Risk Management

Every site has different risks, chemicals, storage arrangements, and compliance requirements. Safe Spill systems are designed around how your operation actually works, helping protect people, assets, and the environment.



Designed Around the Risk	Containment specified around liquids, capacity and site conditions.
Standard to Fully Bespoke	From readily available bunds to site-specific engineered systems.
Complete Project Support	From specification and design through to manufacture and installation.
Built for Long-Term Service	10-year warranty with durable, low-maintenance construction.

UP TO 2,000L CONTAINMENT CAPACITY

Heavy-duty systems for machinery and equipment, with compatibility across all oils and 95%+ of industrial chemicals.

LEARN MORE



Bulk Chemical & Liquid Storage

Secondary containment engineered around IBCs and bulk liquid storage, with capacity, chemical compatibility and site requirements considered as part of the specification.

Drum & Small Container Storage

Practical containment for everyday spill risks associated with oils, chemicals, fuels and maintenance products.





Plant, Equipment & Generator Protection

Heavy-duty containment designed to protect operational areas around generators, machinery and process equipment.

Site-Specific Containment

Bespoke containment engineered around complex site constraints, loading, drainage, access and operational requirements.



Protect People & The Environment

Prevent uncontrolled releases and reduce environmental risk.

Support Regulatory Compliance

Help meet secondary containment requirements.

Reduce Operational Risk

Prevent spills, disruption and costly remediation.

Sustainable Modular Furniture by **GeoMet**

GeoMet
Responsible Seating, Water Features & Planters

GeoMet provides flexible modular solutions for public realm, commercial and rooftop landscapes. Seating, planters and water features can be configured around the space, helping designers create defined planting, seating and social areas without the weight and installation constraints of conventional landscape structures.

- ✓ Manufactured in the UK
- ✓ Suitable for Rooftop Applications
- ✓ Low Maintenance
- ✓ Public-Use Durability
- ✓ Lightweight Composite

Designed Around the Landscape

Modular layouts allow seating, planters, barriers, and public-space features to be configured around the requirements of each environment.













LEARN MORE

Protect Existing Structures
Prevent moisture ingress and root damage without replacing the outer planter.

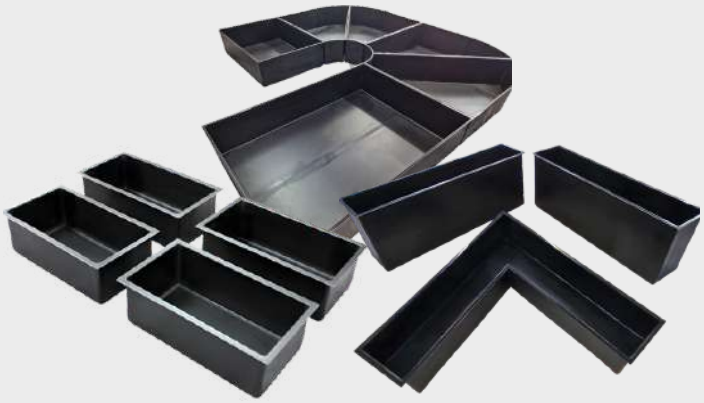
Lightweight Composite Construction
Simplifies installation and reduces structural loading.

Bespoke Manufactured Inserts
Produced to suit exact dimensions, shapes, and project requirements.

GeoMet Planter Liners

GeoMet planter inserts provide a simple way to add a robust, fully watertight lining to new or existing planters and raised beds.

Each insert is manufactured to your required size, shape and colour for straightforward installation, helping protect the surrounding structure from moisture and root damage.







Our **Sustainability** Commitment

Sustainability is built into how we design, manufacture and deliver composite solutions. We focus on reducing the impact of our own operations while engineering durable, long-life products that help customers reduce maintenance, replacement cycles and whole-life environmental impact.



We're aiming to be carbon neutral by 2030



Lower-Impact Materials

One of the most significant changes in our manufacturing has been the adoption of low-styrene rPET resin made using recycled plastic bottles, now used across virtually all of our GRP production.

By replacing conventional resin with rPET (recycled polyethylene terephthalate), we have:

- **Reduced total carbon emissions by over 45%**
- **Diverted more than 1 million plastic bottles per year from landfill or incineration**
- Improved working conditions by reducing styrene odour
- Contributed to a circular economy by giving waste plastic a second life

Testing confirms that rPET resin also delivers improved mechanical and environmental performance, supporting the long service life required from our composite solutions.

What We've Done So Far

- Switched to rPET recycled plastic bottle resin
- Introduced sensor-activated LED lighting in communal areas to reduce energy consumption.
- Adopted electric and hybrid vehicles across our fleet where possible
- Invested in new equipment, creating UK jobs and reducing carbon-heavy imports

Our Path to Carbon Neutral

- Develop products that are 100% recyclable by 2030
- Transition to energy supplied entirely from renewable sources
- Explore solar panel installation at our facilities
- Reduce our carbon footprint as we work towards carbon neutrality.

We've committed 2% of our profit to local good causes.





Alongside our environmental commitments, we donate 2% of annual profits to local charities and good causes each year.

Whether through product donations, financial support, or hands-on involvement, giving back is part of who we are.



"We believe sustainability means thinking long term, in how we manufacture, how we use resources, and how we support our people and communities. Our goal is to ensure the work we do today creates lasting value for our customers, our environment, and future generations."

– Rita Cornwell, Managing Director

LEARN MORE

Part of MILBANK GROUP

A strong and diverse Group

SGI Composites is part of Milbank Group, a family-owned group of businesses built on long-term stewardship, accountability, and responsible growth.

This gives SGI the stability, investment backing, and shared operational standards of a wider group, while retaining the specialist knowledge, responsiveness, and hands-on expertise of an established UK composites manufacturer.

Guided by Milbank Group's commitment to People, Planet, and Profit, we focus on building a business that creates lasting value for our customers, our people, our communities, and the environment.



SGI COMPOSITES

Engineered Composite Solutions

Designing and delivering engineered composite solutions for industrial, infrastructure and commercial applications.

Talk to us about your next project.

01206 798 798

info@sgicomposites.co.uk

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