

Complete Roofing Solutions from Design to Supply to Installation



Introducing SIG Design Technology

As part of SIG plc a FTSE 250 listed company, we are committed to supporting the construction industry through the provision of exceptional roofing solutions to aid design, performance and aesthetic considerations. SIG plc is the UK's market leading specialist supplier of construction products, a hugely experienced part of the supply chain.

Roofing Solutions Approach

As an organisation embedded within the roofing construction sector we offer a complete and impartial design and supply service, built around a selection of waterproofing options that are able to meet the specifier's specific requirements.

Roofing expertise and knowledge are just part of the service that we provide absolutely free to our clients. Our processes, which follow eight clearly identified steps, help our clients create the 'Optimal Roof'.

Furthermore, our roofing range includes the design and supply of flat roofs, green roofs, and zinc, copper and stainless steel roofing and cladding with the reassurance of advice, appropriate products and solutions, PI Insurance and full system guarantees.



Optimal Roofing

The roof of any building is key to its performance, and not just to keep the weather at bay. In addition the roof needs to provide suitable insulation, deal with acoustic issues, capture carbon and generate electricity. All within the regulations, on time and on budget, and with a long, predictable lifespan.



Take the Risk Out of Design

Designing the 'Optimal Roof' has never been more challenging, however SIG Design Technology have put together an eight step guide to identify the challenges and ensure your design meets your client's requirements from performance, to budget to aesthetics.

We take the risk out of roof design for you. Find out why inside.

Product Solutions Available

Products sourced from leading manufacturers which have passed our rigorous quality programme include:



Liquid Waterproofing

Single ply roofing membranes

- IKO's Armourplan PVC
- IKO's Spectraplan TPE
- FDT's Rhenofol PVC
- FDT's Rhepanol flk and hg PIB

Bituminous membranes

- SIGnature Torch-On System

Liquid Waterproofing Systems

- Hydrostop AH25 Liquid Waterproofing
- Vulkem Quick System for walkways, balconies and terraces
- SIGnature Liquid Waterproofing

Hot melt application

- IKO's PermaTEC hot melt waterproofing system

Mastic asphalt roofing

- IKO's polymer modified Permaphalt

Green roofing systems

- ABG built-up green roof systems

Zinc & Copper roofing

- NedZink natural and pre-weathered zinc roofing and cladding
- elZinc Rainbow pre-weathered zinc roofing and cladding
- elZinc pre-fabricated zinc tiles (shingles)
- Mazzonetto Vestis pre-painted aluminium
- KME TECU copper and copper alloys
- UGINOX tin-plated stainless steel
- Proteus HR composite honeycomb metal rainscreen cladding



SIGNature Torch-On System bituminous membrane



IKO PermaTec
NedZink Zinc Cladding

SIG Design Technology have developed two RIBA Core Curriculum approved CPDs:

- A structured approach to roof specification and design
- Specifying hard metals: choosing the right product for the project



These seminars set out a step by step process to help you establish the most appropriate solution in any particular circumstance. They work through how to establish the client's brief, how to ensure compliance, and how to make the right cost decisions. In addition they detail what support to expect from suppliers and offer further sources of information.



The Holistic Approach to Roof Design

People often ask us, 'Why do you design roofs 'from the deck up' for free? What's in it for you?' To answer this question we need to begin at the end, with the Guarantees.

Begin with the Objective – Genuine Guarantees

Our parent group, SIG Plc are specialist construction materials suppliers with a Pan European span. However materials supply is just a small part of our business make up, in addition we make product choices, design roofs, and manage the process on site through our accredited contractor's scheme. All designed to provide genuine, long term guarantees for your roofing projects.

Manage the Site Process

As we provide back to back guarantees that cover both product and workmanship we work hard to manage the installation process. This is delivered through our accredited contractor scheme (DATAC) where our trained installations contractors are regularly monitored by our team of field technicians.

These processes ensure that reliable, experienced roofing contractors install the roof and that they have the specialist technical support on hand when they need it.

Manage the Roof Design Process

Poor roof designs will not only fail to meet the required performance of the roof but will additionally be impossible to install effectively. For this reason we ensure that we are involved in the process of roof design providing J42 design documentation. To further support this all of our design work is covered by our own PI insurance thus providing genuine guarantees for your client.

Manage Product Selection

Being totally immersed within the roofing industry and not a manufacturer we are able to support your project with the right application. This unbiased approach is essential for a 'Optimal Roof' and is not based on the power of a manufacturer's sales team.

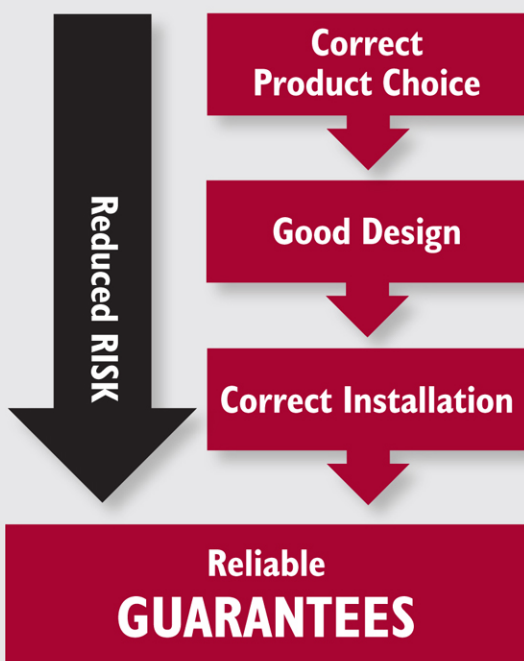
The choice of roofing products depends on several factors such as:

- Aesthetics
- Cost & longevity
- Environment performance including whole life costing
- Responsible sourcing
- Health & Safety requirements

As specialists within the whole roofing sector we will help you identify the right solution for your project.

Why we take the Risk

If you specify our products, we are rewarded through the supply chain which is why we offer technical advice, design support and on-site support systems completely free of charge to our customers, including architects and other specifiers.





Our Affiliations



SIG Design Technology
Mannheim House
Gelders Hall Road
Shepshed
Leicestershire LE12 9NH
Tel: 08445 766 760
Fax: 08445 766 761
www.singleply.co.uk

