

BY
YOUR
SIDE®

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SITE AND TECHNICAL SERVICES

Fire and acoustic insulation
specialists



SITE AND TECHNICAL SERVICES

For over 45 years, we've been by our customers' side to help deliver fire protected spaces where people live and work, around the world.

Siderise Delivers:

- Expert technical specification advice and assistance
- Standard details and tailored project details
- Project specific testing
- Ongoing product and application development
- Solutions that are simple and quick to install
- Market-leading fire performance
- Continuous testing regimes to deliver robust specifications
- Clear and accurate product information
- Competent and authoritative technical services
- Dedicated product and site installation (Toolbox) training, supported directly and remotely via our app.

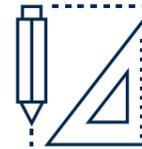
Quality control has become incredibly important in getting firestopping correct, which is why we found the Siderise Inspection App such a helpful and easy-to-use tool. It provided a quick and efficient way to ensure our installers were on the same page when it came to installing the company's passive fire protection products.

Ricky Townsend, Contract Manager, Fire Barrier International

TECHNICAL EXPERTISE



Product Resources
Technical data, product certifications and installation advice.



Standard Details Library
Drawings of standard installations and configurations.



System Tests
Results of large-scale system testing, including BS 8414 and NFPA 285.



Global Regulations
Links to regulations that apply in different international locations.



Policies and Certifications
Our company policies, third-party accreditations and certificates.

The Siderise Technical team are at the very core of our business. They understand explicitly what's required to make a compliant building.

The process of managing customer Technical Services support has a robust triage, enabling the appropriate level of technical competency to be applied to the correct query, within the right time frame. The team includes highly experienced design engineers, architectural designers and technologists, as well as those vocationally trained via passive fire protection training from organisations like the Association for Specialist Fire Protection, UK (ASFP).

At Siderise, technical knowledge doesn't just support our offering, it's fundamental to its development and implementation.

By having an in-depth understanding of our customers' projects, current regulations, both domestic and international, and the construction sector as a whole, we are able to collaborate with you to engineer the correct and compliant passive fire solution for your building.

Fire safety is of the utmost importance for any project, and it's vital that any passive fire solutions are expertly developed and backed by independent research and testing.

Through our 45 year history we have been able to design and develop specialist passive fire solutions which meet specifiers' rigorous performance expectations and meet the requirements of all current national building regulations - harnessing our technical expertise to help make safer, more resilient buildings.

Tested Solutions

We have extensive experience in multiple BS 476-20, EN 1366-4, EN 1364-4 and ASFP TGD 19 (prEN 1364-6) product tests.

We are strong advocates of large-scale system testing and have participated in a significant number of such tests (including BS 8414, NFPA 285). This has provided considerable data which is invaluable to us in determining the performance of our cavity barriers as part of these specific system build-ups.

PROJECT JOURNEY

Our reputation is based on far more than simply providing innovative insulation solutions, it's been built on helping our customers for over 45 years. Working with you from the beginning of the design phase, our team will provide help on a project's unique challenges and find the best ways to overcome them.

Our responsibility and commitment to our customers and their projects doesn't stop at the factory gate. Siderise can provide installation training both remotely and on-site, tailored for both product installers and site managers.

The training covers all aspects of product installation including H&S, storage, handling and cutting.

Siderise can offer our customers a site inspection service where one of our site services team will carry out inspections on our installed products.

In addition to all these services and part of our building life cycle commitment, the Siderise Inspector App provides a simple, easy-to-use process for recording the progress and quality of the installation. It allows the user to effectively inspect, record and seamlessly audit the quality of the installation work. Importantly, this process highlights any issues in need of resolution. The app can be used on a standard smart phone or tablet device.

Siderise Inspector App features streamlined and contextual data entry using an iOS or Android device. The Siderise Inspector App allows the user to easily update the data input fields, capture multiple photos for each area and/or element, and inspects and records the results of the audit. Photos taken using the device's built-in camera, document the installation and are embedded/annotated within the final report.

The Siderise Inspector App facilitates immediate generation of a comprehensive report which records the quality of installation of areas inspected, and if those areas are in accordance with recommendations and most importantly, identifies areas that might not be in accordance with recommendations that would require remedial actions. The digital record this inspection report creates can provide a visual reference to the installation quality achieved when our product was installed and can form part of the O&M documentation handed from Contractor/Developer, Asset Owner or Tenant.



1. Design Phase

Our Technical Services team provides project-specific support at the initial tender or full detailed design stages, working with Architects, Façade Consultants, Designers, Building Control Officers and main Contractors to highlight and overcome any technical challenges, while also offering education on product specifications.



2. Product and System Testing

Once we have identified the most suitable products for your application, you can rest assured that they have been tested to the highest standards possible. We have been involved in numerous curtain walling and cladding system tests (to international standards) and our third-party accreditation provides essential peace of mind.



3. Manufacturing Excellence

As industry leaders, Siderise places great emphasis on meeting current compliance obligations, regulatory requirements and defining industry performance standards. Products are subject to regular independent performance testing and the company collaborates with many of the leading manufacturers to undertake system tests to ensure conformity. We manufacture under a strict quality assurance scheme and are fully accredited to EN ISO 9001:2015 and have also achieved ISO 14001:2015, the globally recognised environmental management system.



5. Assessment and Inspection

Siderise has developed a simple-to-use inspection app to enable the efficient recording and assessment of the installation of our products whilst on-site. The user can effectively inspect, record and seamlessly audit the quality of the installation work via the app which will pull all the recorded information into a comprehensive report. Once this is complete and submitted, the Siderise team can review and return the report, helping to train staff by highlighting any issues, and best-practice processes.



4. Construction

To ensure that our products are installed as intended, we can provide training both remotely and on-site, tailored for both Product Installers and Site Managers. Covering all aspects of installation, including H&S, storage, handling and cutting, our training programmes are proven to result in consistently high-quality installations, both immediately and for future projects. Our installation training is certified to ISO 29993:2017.

App Features

- Streamlined and contextual data entry using an iOS or Android device
- The App allows the user to easily update the data input fields, capture multiple photos for each area and/or element inspected and record as installed correctly or otherwise
- Photos taken using the device's built-in camera document the installation and are embedded/annotated within the report
- Immediate generation of a comprehensive report which effectively documents the quality of installation of inspected areas. This indicates whether they meet expectations or, importantly, need remedial action in order to bring them in line with Siderise installation recommendations

Contractor benefits

- Enhances site productivity and quality of workmanship while eliminating time consuming paper reporting
- Provides clear understanding of on-site conditions requiring remediation and highlight any issues in need of resolution
- Provides a method to simplify documentation.
- Supports management
- Contributes towards O&M and contractual compliance
- Enhances quality - bringing peace of mind for you and your client

The Siderise Inspection App is a really useful tool for our on-site team, providing additional confirmation that a manufacturer's recommended installation guidelines are being followed.

Alan Adams, Site Manager, M K Facades



SIDERISE DELIVERS

- **Easy to install products**
- **Product information**
For each product, Siderise provides clients with comprehensive product information.
- **Standard details**
Siderise has created a library of standard details. Our library catalogues the many possible applications for each of our fire and acoustic products.
- **Project details**
The Siderise technical team are able to develop bespoke details to suit individual project requirements.
- **Method statements**
Siderise provide method statements for standard and bespoke applications.
- **Checklists**
Siderise offer a range of dedicated checklists to assist in the specification and installation of our products.
- **Quick reference guides**
With every delivery of Siderise products, we include standard information regarding material storage, handling and cutting – together with outline principles of product installation.
- **Benchmark installations**
Our technical teams work closely with specifiers and contractors to provide benchmark installations to assist with the development of project specific method statements and/or for product installation approval.
- **Project testing**
We are committed to test our products as often as possible as we believe this is critical to ensure the products perform exactly as intended.
- **Toolbox training**
Designed and tailored for both product installers and their managers. It covers all aspects of product installation including H&S, storage, handling and cutting. Reference is made to technical data sheets, standard details, method statements and checklists.

Site quality assurance inspection

By agreement, Siderise offer our customers a Site Inspection Service where one of our Site Services, Façade, Technical or Approved Partner team members will carry out inspections on installed products.

The standard arrangement is that the Site Inspection Service is provided F.O.C. to contractor customers for projects in the UK on the following basis:

- 1 x Contractor toolbox training and 'Site-Start' visit.
- 1 'Milestone' inspection and report.
- 1 x Completed installation report.

For Key Account Contractors an enhanced service can be, subject to agreement, provided for nominated projects in the UK as follows:

- Contractor toolbox training and 'Site-Start' visit.
- Issue of Siderise Inspection App License, with tailored report template referencing project specific details and method statements.*
- 'Multiple Milestone' inspections & reports – the number of visits is by agreement on a project basis. Often the visits remain F.O.C. but are sometimes chargeable based on frequency and location.
- Completed installation report.
- Available for co-ordinated site visits with BCO or other stakeholders to inspect installations, putting the Client or Main Contractor at ease.

Technical support

Siderise provides the following technical support services:

- Offer project specific or application specific technical support at initial tender or full detailed design stage.
- Attend site meetings in a consultative capacity for either fire-stopping, acoustic design and/or thermal performance support.
- Consult with Building Control Officers, Architects, Main Contractors or Noise Consultants to provide support at any stage of the project.
- Project specific design review, advice and details.
- Technical project proposals, project details and method statements.
- Assist with mark-up of project drawings to highlight typical locations of firestops at visible lines of compartmentation and/or standard cavity barrier locations – with reference to standard details, building regulations and/or other code requirements.
- Provide 'Composite SRI' calculations and practical design advice to ensure optimum 'floor to floor'/'room to room' sound attenuation performance.
- Train your staff or sub-contractors as competent installers.
- Introduce formally accredited, third party approved installers/contractors.
- Produce formal letters, confirming the details of site inspections and findings.

Technical & Sales support

Sales support

Sales Team

T: +44 (0) 1656 730833
E: salesteam@siderise.com

Technical support

Technical Services Team

T: +44 (0) 1656 730833
E: technical.services@siderise.com

Specification support

Siderise offer specifiers support from initial enquiry and technical consultation to project realisation. NBS draft specifications are provided for standard products and applications and can be tailored to suit specific project performance requirements.

Site Services support

Siderise offer a range of services to contractors and installers. These include toolbox product installation and site installation inspection and reporting (subject to availability and by agreement).

Site Services Team

T: +44 (0) 1656 730833
E: site.services@siderise.com

System testing support

Siderise can provide assistance and advice for large scale system testing to BS EN, NFPA, ASTM and AS standards.

BY YOUR SIDE®

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Passive fire solutions for the building envelope

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