





Installations Limited

Cold Stores | Clean Rooms | Firewalls | Acoustic Test Chambers | Food Production Areas

Contents

1. Cold Rooms & Freezers
2. Food Facilities
3. Fire Walls
4. Automotive Test Cells
5. Clean Rooms
6. Security Rated Panels
7. Data Centres
8. Maintenance

If you would like any further information regarding any of the services highlighted in our brochure, please contact us and we would be happy to discuss your requirements

Call: 01695 317800

Email: sales@rdplimited.com

Linked in

www.rdplimited.com





Cold Rooms & Freezers

What we offer

With over 25 years of experience, RDP Installations specialise in the design, installation & service of cold rooms, Chillers and freezers.

At RDP, We undertake projects of all sizes and for a wide range of customers for applications including: chilled warehouses, chillers and freezers, meat and fish processing facilities, food, fruit and vegetable production, preparation and storage.

Ideal for temperature ranges between -40°C and $+80^{\circ}\text{C}$, Our range of IPN Quadcore panels by Kingspan are designed to provide a fast, efficient and cost effective wall and ceiling solution whilst still offering values such as strength, thermal performance, and a Class I fire resistance rating. IPN Quadcore is one of the most efficient insulating materials available, offering R-values of upto 0.08. To put this into perspective, a brick wall would have to be 860mm thick to achieve a comparative level of insulation.

The available range of IPN Quadcore panels are available in thickness's of 50, 60, 80, 100, 125, 150, 175, 200 & 220mm and lengths of upto 19.7m.

We also, supply and install a range of insulated sliding & hinged doors, developed specifically for the food and construction industry. Where possible we choose Fermod fittings for our door sets, which provide an industry recognised quality. Our insulated doors are finished as standard in a white food safe finish, ideal for food preparation/storage areas. Depending on the application, we also offer Vision Panels, Low Voltage Heater Tapes, and Fire Resistance up to 1 Hour.

To complete our turnkey approach, for freezer applications, RDP also offer recessed, built up and modular style freezer floors to suit all requirements.



Project Management

At RDP Installations, we offer precise design & professional Project Management to the clients exact specification...



Installation

All of our projects are delivered by our client Friendly, knowledgeable & experienced Installation teams...



Wide range of Panel Finishes & Thickness

Finishes include foodsafe & Polyester coatings, providing a smooth, anti-static internal surface. Thickness's of panel ranging from 50-220mm...



Supply Chain

RDP Installations are approved by all major european manufacturers for the supply and installation of their products...



Turnkey Solution

We offer a very comprehensive range of insulated, hinged & sliding, doors which can be either manual or automatic operation



Freezer Floors

We offer a variety of floors to suit the needs of our customers including both recessed and built up concrete floors with integrated insulation & heater mats...



Sustainable

Our 'Cradle to Cradle' approach to recycling where materials are recycled in a closed loop and reused again without losing any material quality...



Protection

Chequer plate, goalposts, bollards, floor mounted angles, armco barriers, ceiling panel walkways, handrails...



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Food Facilities

RDP Installations Limited is a specialist contractor with expertise in the design, procurement, construction and maintenance of cold stores, firewalls, food production facilities & clean rooms. The directors have over 50 years combined experience delivering complex projects throughout the UK for a wide variety of both independent & blue chip clients.

The vast experience that the RDP Directors, staff and installers have gained through committed involvement within the food production industry enables us to offer a proactive input to clients and design teams when it comes to construction, refurbishment and extension of food process facilities. The expertise that RDP have developed over our 25 years in the industry means that we are fine tuned to the importance of the fast track nature of programmes, the key importance of design and detailing along with control of budgets to enable delivery of a successful project every time.

We understand the demands and challenges of working within live food production environments and the hygiene regimes that must be maintained throughout. RDP are well versed with the restricted windows of opportunity to carry out works between production runs finishing and the hygiene teams commencing prior to the next shift.

At RDP we pride ourselves on the close working relationship we have with our clients allowing involvement throughout the design process to enable the most cost efficient solution to be developed to meet their needs.

RDP has also developed a close working relationship with, and are approved installers of all major suppliers to the industry. This allows us to offer bespoke and cost effective solutions ensuring our clients are presented with the highest quality of product the industry supply chain has to offer.

What we offer



New Builds

Supply and installation of insulated panels from all the major UK and European manufacturers to form controlled hygienic process areas including internal box in box & Dutch barn style constructions with exposed weatherproof wall panels ...



Alterations

Extensions, relocation of partitions, removal & disposal of insulated panels, forming conveyor openings, infill / form door apertures...



Refurbishments

Cosmetic panel repairs, hygienic wall & ceiling coverings, PVC cladding, replacement ceiling tiles, new doors...



Temporary screens

Hygienic foodsafe walls/ sealed hoardings to protect your process from construction works or new plant installations...



Condition Survey

Free inspection of existing insulated panels & doors; Report observations and proposals on; serviceability, structural integrity, panel de-lamination, vapour seal breaches, panel facing / flashing continuity and impact on surface spread of flame...



Planned & reactive maintenance

Door, wall & ceiling repairs, re-sealing of panel & flashing joints, replacement vapour seals, new gaskets / door furniture & trace heating...



Pest proofing

Plating/ sealing redundant holes in panels, closer flashing to temporary units, insect mesh to louvres...



Protection

Chequer plate, goalposts, bollards, floor mounted angles, armco barriers, ceiling panel walkways, handrails...



Fire Walls

RDP Work closely with all the leading panel manufacturers, fully understanding the specific compliant construction details in terms of fire certification, earning a solid reputation as a preferred and approved installer of their products.

RDP offer total Fire Rated wall and ceiling solutions that are ideally suited for internal partition walls and ceilings where fire resistance is of paramount importance.

Fully tested and independently certified for fire performance, durability and structural integrity, our fire rated panel systems are ideal for a wide range of applications including cold store rooms, food processing plants and distribution & storage environments.

At RDP, we have vast experience of working across a broad spectrum of sectors, and our fire rated systems offer the highest levels of fire protection for both life and property safety. Our non combustible stone wool core filled Panels can deliver up to 4 hours' fire performance that is independently certified by the Loss Prevention Certification Board (LPCB) and FM Global. Long fire-rated spans (up to 7.5m to LPS 1208 and up to 12m to BS 476 Part 22.)

Installation of composite panels systems can also be constructed over 10 times quicker than both block work and jumbo stud and board walls, thus reducing cost. With no wet trades, Panels can be installed without the need for scaffolding and with minimal on site handling as well as low waste. Furthermore, our fire rated panels are installed pre-finished and require no further decoration, allowing follow-on trades to start as soon as the walls are erected, further enhancing programme advantages.

What we offer



Experts in Fire Protection

RDP has extensive knowledge of the performance of composite panels in fires, allowing us to provide guidance in selecting the most appropriate products to achieve the required fire performance...



Up to 4 hours fire protection

Our Fire rated panels are certified by the Loss Prevention Certification Board and FM Global...



Spans upto 12m

Spans possible up to 7.5m to LPS 1208 and up to 12m to BS 476 Part 22 reducing the requirement for secondary steel work...



Sustainable Solutions

'Cradle to Cradle' approach to recycling where materials are recycled in a closed loop and reused again without losing any material quality...



Wide Range of finishes

Finishes include foodsafe & Polyester coatings, providing a smooth, anti-static internal surface...



Upto 10 times quicker to install

Found by Faithful + Gould to be the cheapest method of construction for fire resistant walls, with cost savings of up to 40% per m² according to a cost study from 2014



Fire rated doors & windows

Complete your fire rated environment with Doors & Windows, tested and certified for fire, security and acoustic performance. Designed and manufactured to meet the exact needs of both new and refurbishment projects...



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Test Cells

RDP Installations are Specialists in the design & installation of steel enclosures including environmental enclosures and process control enclosures for use within a variety of industries.

RDP has worked on many different projects creating enclosures to accommodate a multitude of work disciplines, these include:

Our clients include, heavy industry, electrical component manufacturers, and the automotive and aerospace industries.

- Mineral Fibre core for fire rated / acoustic applications
- Foam core (PIR or IPN Quadcore) for temperature controlled applications
- Perforated finish for sound absorption
- Polyester finishes for medium to high temperatures
- PVDF / Prisma finishes for aesthetics
- Stainless steel finish for high temperatures & harsh environments

We have a professional contracts team who coordinate and project manage each installation ensuring there are no omissions from the specification and no clashes with other services on site. We have been managing projects ranging from installs of a single spray booth right through to a complete new automated conveyorised paint line for over 25 years.

Environmental enclosures have been provided for a wide variety of industries and processes. Controlled environments can be designed and installed by RDP Installations to meet a client's specific requirements and, if desired, we can provide the environmental lighting, air-supply and exhaust-systems to complete the package. A broad range of metal fabricated components can be produced to support the manufacturing process, in small or large volumes.

What we offer



- ✓ Spray and dip and powder application enclosures
- ✓ Spray booths
- ✓ Curing oven enclosures
- ✓ Intercoat flash off booths
- ✓ Test cells
- ✓ Quality inspection enclosures
- ✓ Quiet booths
- ✓ Shake and rattle enclosures
- ✓ Rolling road booths
- ✓ Acoustic enclosures
- ✓ Water test chambers



Clean Rooms

What we offer

RDP Specialise in the design, supply and installation of High-end, versatile clean room solutions tailored to your individual project requirements.

Our expertise in clean rooms allows us to meet the precise needs of your particular sector, whether that is pharmaceutical, medical, semi-conductor, biotechnology, cosmetics or high-tech. We can offer you bespoke envelope design, providing high quality solutions based on modular panels and walkable ceilings.

At RDP Installations, we pride ourselves on our service and support across a wide range of clean room applications, to provide you with the best possible customer experience. We will be with you every step of the way, from concept to completion, and our dedicated and experienced team will support your project to give you total peace of mind.

We offer customisable solutions for your specific clean room environment requirements and aspirations. Designs and materials depend on the application specified and special processes which need to be incorporated. We offer anti-bacterial coatings, fibre-free cores and enhanced fire performance.

Our simple, modular solutions offer 'plug and play' integration to provide fast, efficient installation. Our continuously trained and certified installers & our unrivalled technical support is on hand to assist the process.

Unlike other clean room suppliers, we produce detailed 3D models at the quotation stage, providing you with simple & clear drawing.

One of the most important considerations in an effective clean room environment is the quality and design of the clean room structure itself. Turn to RDP Installations to give you the solution you need.



- ✓ Kingspan approved & preferred installer
- ✓ Ultra airtight system
- ✓ Longer panel lengths - clean room heights over 6 metres
- ✓ Choice of four core options - ECOsafe PIR, IPN Quadcore, MF & Aluminium Honeycomb
- ✓ Approved to FM 4882 for smoke sensitive occupancies & ISO 14644
- ✓ HYGIENEsafe options for the Highest Levels of Cleanliness and Durability
- ✓ Integrated Electrical services, doors, windows, corners, floor tracks & air return panels
- ✓ Detailed 3D design available
- ✓ Flexibility – variable widths to suit layout



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Security Rated Panels

RDP Specialise in the supply and installation of secure environments using modular composite panel systems, designed and manufactured to protect high risk areas, from data centres and government infrastructure, to utilities facilities, nuclear facilities, banks, hazardous material storage sites and more.

Our high secure environments are also ideal for securing high value goods, cash, hazardous materials, pharmaceutical products and more.

At RDP, we have vast experience of working across a broad spectrum of sectors, and our client experience includes data centres, Government infrastructure, airports, healthcare facilities, universities, banks and cargo facilities.

RDP Installations are a Securiclād Preferred Contractor, approved in the installation of their products. Securiclād are one of the major manufacturers of secure panels in the UK.

Developed to withstand determined attack from a wide range of tools and firearms, secure panels are the ideal way to safeguard businesses facilities & goods against theft, sabotage and terrorism.

Rigorously tested, secure panels are approved for Government use by the Centre for the Protection of National Infrastructure (CPNI) and provides a high security panel solution to Loss Prevention Standard (LPS) 1175 & Security Rating (SR) 2, 3 and 4.

The Securiclād panel also holds the prestigious European EN1063 Ballistic Standard BR2 and BR3 certification. Our secure panels are also hygienic – crucial in ensuring that server rooms are kept dust-free.

No project is too big or too small for RDP and we provide comprehensive pre and post-sales technical support and advice to clients.

What we offer



- ✓ Securiclād approved & preferred installer
- ✓ Ballistic standard. BR2, BR3, BR5 & BR6
- ✓ LPS1175 and SR2, 3 & 4 rated systems
- ✓ Complementary products, such as doors and window bar sets
- ✓ Centre for the Protection of National Infrastructure (CPNI) approved
- ✓ Data centres & Server rooms
- ✓ Utilities infrastructure
- ✓ Healthcare facilities
- ✓ Cargo areas
- ✓ Financial institutions
- ✓ Retail sites



Data Centres

What we offer

Physical security breaches can lead to catastrophic consequences for data centres, such as the theft of or damage to high value network equipment including server units and sensitive and confidential data falling into the wrong hands. Breaches can also cause major interruptions to service. At RDP Installations, our composite panels offer a varying level of security rating of up to LPS 1175 SR4 and can be used to create a secure environment within an existing structure, or be retro-fitted into a new-build. This makes them an ideal for the protection of servers, IT hardware and sensitive data against a physical security breach.

Composite panels are easy to install and are pre-finished, negating the need for any wet trades and keeping any disruption to operations down to a minimum. They are also hygienic – crucial in ensuring that server rooms are kept dust-free.

We offer a wide range of solutions including, Quadcore, PIR & Rockwool filled panels as well as secure SR1, SR2, SR3 & SR4 rated panels which offer protection from a serious attack using high impact equipment such as power cutting devices, sledge hammers or jigsaws. Similarly standard block or brick walls are also vulnerable, with their joints acting as points of weakness.

Any security measures – such as wall panels, ceiling panels and locks – used to protect critical areas such as control rooms, should be certified by the Loss Prevention Certification Board (the standard is LPS1175) and/or approved by the Centre for the Protection of National Infrastructure (CPNI) to guarantee both their quality and suitability.



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The **co-operative**



Sainsbury's



Budgens

Our Supply Chain





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