

# iNFORMA

Special edition UK

No. 3, Year 2006

Photo supplied by Felton Communication

- TrimoRaster – New Bi-Modular Façade System
- Trimo Architectural Awards 2005
- TrimoDesigner– New Software Package

The logo for Trimo, featuring a stylized 'T' icon followed by the word 'Trimo' in a bold, sans-serif font.

**Trimo**

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# INTRODUCTION



*So another year closes and we enter 2006 with the same optimism that the construction industry will continue to be both buoyant and, perhaps more importantly, profitable.*

*It has been very busy here at Trimo. Sales have grown steadily, which is excellent feedback for our products and services. The additional boost in sales has been contributed by my appointment as Commercial Director of the company and Julijan Tajjat as Sales Manager. No doubt, the team will grow further in 2006.*

*Last year has also been marked by the launch of our own UK web pages [www.trimo.org.uk](http://www.trimo.org.uk), which have already experienced a lot of hits from the UK and overseas, the launch of our brand new technical binder, and the focused advertising campaign and branding of Trimo, as well as the 2<sup>nd</sup> Trimo Architectural Awards Competition.*

*Due to Trimo's strong and continuous R & D and innovation levels we have a yet another new product, which is guaranteed to make this year very exciting; the launch of the stunning TrimoRaster - a new Bi-Modular façade system, which offers the most aesthetic architectural possibilities without compromising on any of its functionality.*

*Trimo has also unveiled the brand new TrimoDesigner WIN, a fully Windows-based 3D-modelling software package that allows even the most complex projects to be designed and visualised by a click of a mouse, integrating a whole library of Trimo cladding and roofing product ranges as well as all of the performance details and decorative profiles.*

*I hope you enjoy reading this issue of Informa UK magazine. I would like to wish you a successful 2006 and a year full of challenges, and remind you that Trimo is always here to help and assist you whatever the project or challenge is.*

*Paul Kinsey  
Commercial Director*

# INTERVIEW

## Jure Gošte, Managing Director



### *Tell us about yourself and your career with Trimo?*

Well, I am a young and very ambitious person graduating in Economics from the Slovenian 'Business School of Economics'. I joined Trimo back in 2001 as a trainee in the Sales and Engineering department, although, I have to say, I have never imagined myself in this kind of a sales business or position I now hold. Nevertheless, I grasped the challenge enthusiastically recognising that there were many opportunities for personal and professional development within Trimo. After just 2 years within Trimo, I was offered the position of Managing Director of the UK Division. Again, I never had imagined myself working abroad and outside of my home country, but as I have always had management and leadership ambitions it simply was an opportunity I just couldn't pass over. It was the challenge of a lifetime at that point for sure. Some of the key factors that allowed me to succeed in this new role were self confidence, in-depth knowledge of the company and its products, and the ability to adapt to new environments and working conditions. Professionally, I am also able to listen to people (clients) and more importantly understand their needs, but the continuous support of my closest friends and family has been tremendous and underpins my success. Although I soon found the UK market to be very different and more difficult in many ways to that I was used to, my professional skills have helped me to break through. A good friend and business partner,

Brian Watson of CA Group Ltd. Once said: "Jure, you have something that many people don't have. You can smile and this will always help you with the English people."

### *Looking back over the past year or so, what stands out in particular?*

There are many highlights and space does not permit mention of them all. Trimo's involvement on a number of prestigious and well-recognised brands and developments is particularly noteworthy – brands such as BAA, Ikea, B&Q, BMW, Royal Mail and many, many others. Although Trimo is still relatively small in the UK, our honest and professional attitude and approach, combined with the great support of Trimo HQ, has helped us win several multimillion pound overseas developments from the UK and elsewhere across our global engineering companies. We are increasingly being recognised as a quality and reliable partner in pre-fabricated steel buildings, which I really enjoy seeing.

### *How do you view / see the UK market?*

I must say that the development of the UK market since 2001 was one of the most difficult for Trimo, even though the company operates in over 40 foreign markets. Nevertheless we have recognized the huge potential and opportunities here and have consequently invested further to the marketing and branding of Trimo products, as well as increasing the size of the sales team; all this investment is now starting to pay off – in particular during last year. The UK construction market is very exciting and we are therefore very



optimistic of growth for the coming year. Trimo has grown steadily since its arrival on the UK market and although there is always some market uncertainty, Trimo's wide product portfolio should allow us to spread the risk through application diversity.

***What does Trimo have planned for the coming year?***

The most exciting thing is the launch of TrimoRaster – our new bi-modular panel that takes minimal aesthetics to a whole new level. You can read more about it in this issue of Informa and I have no doubt that in addition to its many advantages and its competitive pricing structure compared with similar cladding systems, TrimoRaster will generate considerable interest within the UK. We're also making a debut appearance at this year's Interbuild exhibition, where we hope we will be able to meet with you and show you first-hand our exciting products. Off-site modular build is also becoming more important and Trimo will be using the event to showcase its offering' already

being used around the globe. Trimo's modular buildings are the most versatile construction products around.

***The UK market is very competitive – how does Trimo cope?***

The unique importance of the Architect and Designer in the UK has helped us enormously. Our product portfolio allows the very widest architectural freedom and through our increasing media and PR presence we have been able to communicate these benefits directly. Our growth has been above expectation and should continue throughout the future as we continue to foster ever-closer relationships with the Architects and Designers further being expanded to contractors and beyond on many new and exciting projects. We also aim deliver a professional service in all spheres of our operation and all of our employees are, as a team, totally committed to working together with our clients, both, existing and new, to achieve this aim. Fortunately in the UK these factors and the building of personal relationships are in many



cases of greater importance than just the price, although that said, all of our products are highly competitive and represent an excellent if not the best value for money.

***What differentiated Trimo in the UK?***

I believe it is our "can-do" attitude and our willingness to see our partners succeed. Trimo's culture is not to see problems but challenges and this helps us to help our customers. Our technical support services are as good as any and regardless of contract or project size, the high-level of support available is the same and is available from project concept to completion. Our recently introduced Design software underlines this allowing customers to explore in 3D the various project possibilities before incurring any cost and then allowing a full spec- and materials sheet to be drawn up at the click of a mouse. Our strong and continuous R&D, innovation, modern technology and flexibility enables us provide state-of-the-art solutions to our clients, understanding and satisfying their specific needs and requirements. Operating from a well-equipped modern production plant, Trimo is well placed to meet ever-increasing demands on lead times with out comprising service or quality – particularly important in the UK and even more so than in any other continental European countries.

# TRIMORASTER

## New Bi-Modular Façade System

Every once in a while a truly innovative product comes along that changes the face of modern construction. Trimo's new TrimoRaster Bi-Modular panel may well be that product, combining all the most important functional elements expected from a high quality façade panel with the very best aesthetic design.

TrimoRaster is a Bi-Modular façade with an emphasised joint where the longitudinal and transverse joints have optically equivalent widths. Available in a variety sizes and colours, TrimoRaster will allow architects' to express even greater levels of individuality through their design regardless of application.

Its aesthetic qualities are further complemented by its functional properties of simple assembly, self-supporting character, thermal insulation and, perhaps most important, fire resistance. Combined function and practicality offers the widest possible architectural solutions, far exceeding more traditional cassette systems.

TrimoRaster panels consist of two galvanised and painted steel sheets sandwiching an insulating, non-combustible mineral wool core (reaction to fire class A1 EN 1182). Its basic profile is externally smooth 0.7 mm and internally v-profile 0.5 mm with a module width from 1000 mm to 600 mm. It is also available in a range of panel thicknesses including 80, 100, 120, 150 and 200 mm.

Ease of installation has been engineered into the design of the panel with full technical support available from Trimo and the product is completed by a range of

closing and finishing elements that allow the building's individual character to be further extended.

The uniqueness of TrimoRaster has seen the product specified on a number of projects throughout Europe, which is why its UK-launch has been brought forward to Spring 2006. Within the UK, being specified in new Corus Colorcoat Prisma® external coating, TrimoRaster cladding system benefits in superior 25 years Confidex Guarantee offered by Corus (terms and conditions apply).

To request a brochure on TrimoRaster or for more technical information contact us at [sales@trimo.org.uk](mailto:sales@trimo.org.uk) or phone on +44 (0) 870 351 2022.

1. Getro, Jakuševac, Croatia





Mercator, Velika Gorica, Croatia

# TRIMO ARCHITECTURAL AWARD

The world-famous caves of Vilenica on the beautiful Slovenian Karst proved the perfect setting for the second Trimo Architectural Awards for the Most Creative Performed Solutions. Architects and designers from all over Europe including Austria, Bosnia, Moldova, Poland, Slovakia, Slovenia, Serbia and Montenegro, Spain, Switzerland and Great Britain submitted projects that showcased some of the most exciting and innovative constructions.

Established to encourage greater cooperation between architects and designer, as well as promote the use of Trimo's products, the awards have grown in status and are widely respected for highlighting some of the most creative constructions across Europe.

Although there can be only so many winners in each category, the quality and standard of submission represented some of the very best design in construction anywhere, such that special recognition categories were added. In particular, the judges felt that the greatest innovation was seen in the abilities of designers to meet both the requirements of design and specification whilst also keeping within budgetary limits and restrictions.

*Four special awards were also presented for the Innovative use of Trimo Products*

5. For Façade - Miloš Hrastelj, Tomaž Kejžar / Additional Building to the Research Centre of FACULTY OF ECONOMICS in Ljubljana, Slovenia
6. For Roof - Jaroslav Dokoupil, Radoslav Novotný, Pavel Lazarov, Miroslav Bilek / OLYMPIA Brno Shopping Centre, Czech Republic
7. For Steel Construction - Dejan Sokolov, Đorđe Bobić, Branislav Ređić / UŠĆE Office Tower, Serbia and Montenegro

8. For Technical Solution - Miha Kajzelj / BIVOUAC on Kotovo sedlo, Slovenia

### *Special Recognition*

9. Slavojka Akrapovič, Peter Frelj, Elena Kalamutov, Gordana Vesel, Peter Kranjc / AKRAPOVIČ Industrial Hall, Slovenia
10. Matjaž Gril, Klavdij Kikelj / MOZIRJE Office and Commercial Building, Slovenia

11. Ivica Gjurić / Office Building, Croatia

1. MEGA BAUMAX Building Centre  
Austria

2. AIRBUS A380 Paint Shop  
Germany

3. PORTOVAL, Amusement, Commercial and Business Centre  
Slovenia

4. ELCOM Warehouse  
Slovenia

5. Centre of FACULTY OF ECONOMICS in Ljubljana  
Slovenia

6. OLYMPIA Brno Shopping Centre  
Czech Republic

7. UŠĆE Office Tower  
Serbia and Montenegro

8. BIVOUAC on Kotovo sedlo  
Slovenia

### *The main winners were:*

1. Walter Stelzhammer, Ernst Hoffmann, Adrian Ryser / MEGA BAUMAX Building Centre, Austria
2. Jörg Huhnholz, Michael Krämer / AIRBUS A380 Paint Shop, Germany
3. Janez Koželj, Jože Jaki / PORTOVAL, Amusement, Commercial and Business Centre, Slovenia
4. Milan Tomac, Dean Lah / ELCOM Warehouse, Slovenia



# S 2005

12. Grzegorz Czerwiński, Andrzej Stachowski, Tomasz Handkiewicz, Anna Kulikowska / CWW INWESTRA Home Furnishing Centre, Poland

13. Ivan Janez Lapajne, Marjetica Štrukelj / CORMINJOZ School, Switzerland

14. Rick Mather, Chris Wood / Jubilee Sport Centre, UNIVERSITY OF SOUTHAMPTON, Great Britain

15. Carlos Moreno / MERCEDES Manufacturing Plant, Spain

16. Tamás Bene / JUB Commercial and Storage Hall, Hungary



# WHAT CERTIFICATE?

**F**ew companies can boast the range of construction certification that Trimo has. It's trading across Europe and the variety of country specific regulations has seen Trimo's products subject to the some of the most exacting and varied testing anywhere. It is this portfolio that defines the quality of products we manufacture and is your reassurance that you are not only specifying the best product for the job, but you are also specifying a product that is proven to be the best for the job.

## By standard Trimo's products hold:

ISO 9001: 2000 Quality Management System

ISO 14001: 1996 Environmental Management System

OHSAS 18001: 1999 Safety Management System



## Factory Mutual Research Approval:

FM Approval – class A1 fire classification (class number 4880)



## Loss Prevention Certification Board:

LPS 1181:2003, Part1: Issue 1

LPS 1208: Issue 2



## EN Certification:

Fire resistance	EN 1364-1 EN 13501-2	fire rating EI 30 to EI 120
Air tightness	EN 1026	0.17m <sup>3</sup> /hm <sup>2</sup> by 600 Pa pressure difference
Water tightness	EN 1027	up to 600 Pa pressure difference
Sound insulation	EN ISO 717	Rw = 32 dB

## DIN Certification:

Fire resistance	4102-2	fire rating F 30 to F120
Combustibility	4102-2	A1 (rock-wool core), B1 (panels)
Sound Insulation	52210	Rw = 32 dB
Heat conductivity	52612-1	

## BS Certification:

Fire resistance	476-22	E1 90
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Trimo's products are continually submitted for scrutiny and the certification list across Europe continues to grow.

Brane Tisu, Trimo

# TRIMODESIGNER

## New Software Package

The ability to design, cost, plan and visualise a building has just got a whole lot easier with the launch of Trimo's new software package TrimoDesigner WIN. Running on a standard Window-based PC, TrimoDesigner WIN has been specially designed to allow 3-D representations of a construction to be prepared and manipulated. This modelling ability allows the planned construction to be tested and modified before costly plans are finalised as well as identifying potential problem areas, which can be overcome through engineering and technical support, before the project is undertaken.

TrimoDesigner WIN is extremely versatile allowing virtually every aspect of the building to be modelled and, although extremely powerful, its intuitive user interface allows even the most ambitious of designs to be quickly drawn up. For example, starting with the floor-plan geometry, the user only needs to establish modular axes from a standard default prototype project to define the floor space they require. From here walls can be specified by selecting the 'walls' command from the drop-down menu from where height and colour as well as positioning can be defined. Add entry points and the building will quickly start to take shape although at any point changes can be made to the model and positioning and measurements altered and tweaked or even material colours adapted. TrimoDesigner WIN also allows intricate design features to be added such as snow guards, roof openings, and decorative elements.

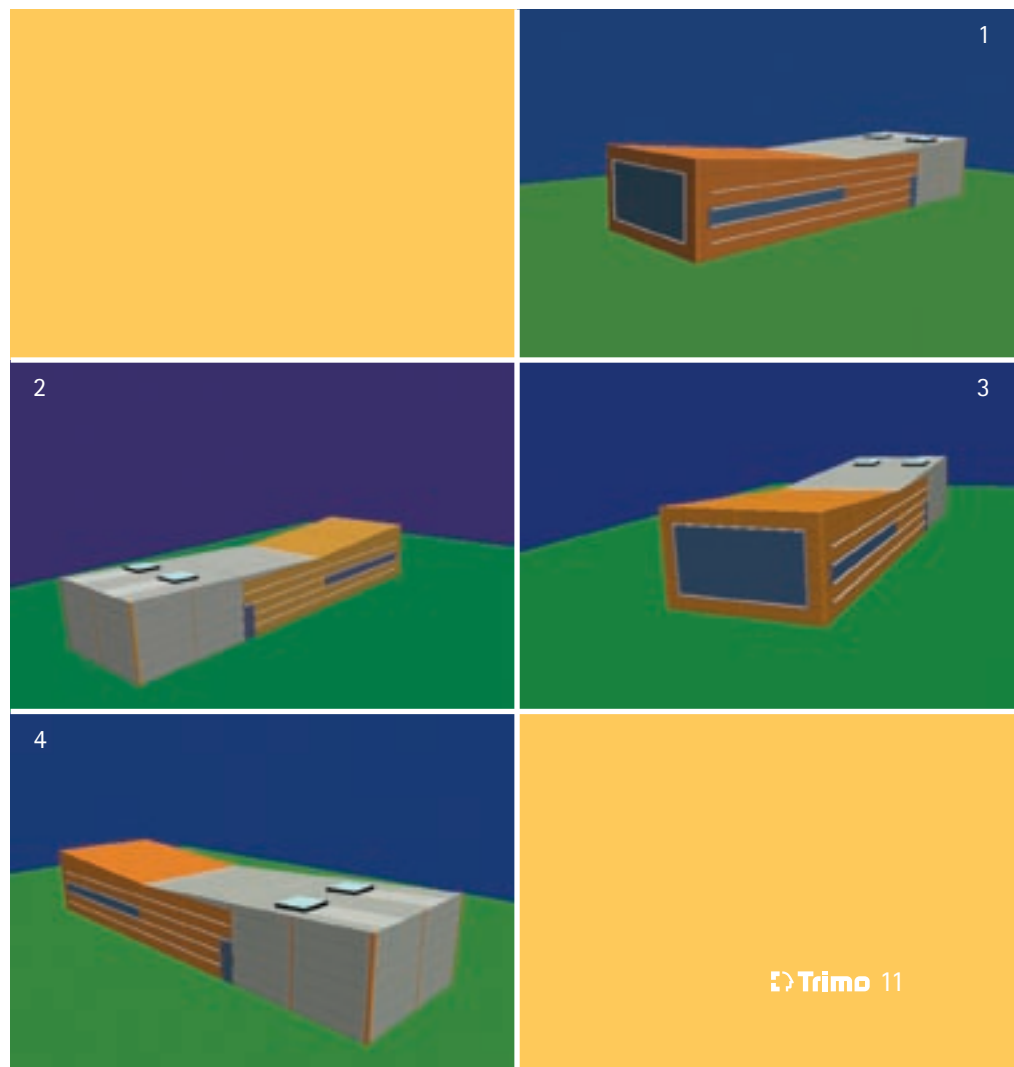
Using the mouse the user can zoom in, zoom out, rotate and manipulate the finished construction to get a feel for the project and refine as necessary.

TrimoDesigner WIN also contains a comprehensive catalogue of Trimo's construction products allowing a 'List of

Parts' to be generated according to the design. An estimate can also be requested through this function, simplifying the whole process from concept to completion.

For more details about 'TrimoDesigner WIN' or any other aspect of this software contact us at [sales@trimo.org.uk](mailto:sales@trimo.org.uk) or phone on +44 (0) 870 351 2022.

1., 2., 3., 4. TrimoDesigner WIN



# PROJECT NEWS

## Kerry Foods

**T**rimo has completed its first project in Northern Ireland, supplying internal fire walls and profiled SNV ceiling panels, for the construction of a new cold store for Kerry Foods in Enniskillen. One of the first projects to use profiled SNV panel on ceiling applications it will give a fire rating of 2 hours on a 6 m span, which is of particular importance in the food service sector. The cladding was installed by HOL-DEN Installations Ltd.

on the main dark blue, 13200mm high elevations.

Ikea's characteristic attractive yellow entrance is performed by standard horizontal Trimo cladding panels, and a stripe of grey panels all around the building at a roof level, gives the project a stunning finish. The speed of installation of Trimo panels, the continuously dedicated technical support and close relationships and coordination with the contractors has enabled the project to be brought forward a couple of weeks for a store opening just before the New Year 2006.

## Ikea Milton Keynes

**H**aving worked with Ikea before for many years, Trimo has supplied its Trimoterm Invisio façade panels for the new IKEA store in Milton Keynes; requiring over 11,000 m<sup>2</sup> of cladding and internal fire walls, that was designed by Bath-based Stubbs Rich Architects and installed by roofing and cladding contractor Topek (BUR) Ltd.

This Ikea project is the first in the UK that utilises vertically fixed Trimoterm Invisio panels as a single piece of panel construction

## Unit B Heathrow

**F**ollowing a successful representation on Unit A for Royal Mail at Heathrow Airport back in year 2004, Trimoterm GLADIO panels have again been successfully specified and installed on the new facility. The building was designed by REID Architecture of London and cladding installed by Yorkshire Sheeting and Insulation Services Ltd. Trimo has also supplied internal fire partitioning cladding panels and external envelope fully integrated windows.

1. KERRY Foods, Enniskillen

2. IKEA, Milton Keynes

3. Unit B, Heathrow



## Overseas

Trimo has recently completed a massive project won in 2003. For the new Oilfield development in Kazakhstan, where well over 40 different types of buildings were designed, manufactured and supplied, a full Trimoterm cladding and roofing envelope was specified as a complete package solution and the contract value has reached nearly 5.0 million EUR

With nearly 45 years of experience and knowledge in the area of pre-fabricated steel buildings, Trimo has proved to be a reliable partner for a number of high profile clients such as this oilfield development, and a number of new challenges are already on the horizon for Trimo UK. For example, the UK is presently tendering and winning 2 large contracts with a combined value of 2.5 million EUR for the design, manufacture and supply of a number of various types of industrial buildings.

## Yerevan

### International Airport - Passenger Terminal

When investor Aeropuertos Argentina 2000 searched for a suitable supplier for a steel structure, façade and roof that would meet the high standards it demanded in the fields of quality and safety for its new passenger terminal construction at the airport Yerevan. High reliability of performance was one of relevant factors as well since Yerevan is located on an earthquake zone. As a result the requirements for this project are very demanding.

The contract was signed in April 2005 and includes project planning, manufacturing, supply and assembly of the steel structure, roof and façade. The project is divided in two parts; the first comprises the steel structure, roof and façade of the basic, auxiliary building and the connecting bridge, the second involves the construction of five connecting bridges. The assembly of the first project part started in September 2005, with the second part of the construction due to

commence August 2006. The project will be completed in October 2006.

Trimo has completed the project planning, and the architectural concept and statics of the building have been established in accordance with the American standards ASTM and therefore their system should be soon harmonised with the EU standards. We have invited a subcontractor from Bosnia and Herzegovina that specialises in the manufacture of welded profiles. Transport of products to the building site represents an additional challenge of the project since the transport lasts about a month.

1. Oilfield development, Kazakhstan
2. Airport Yerevan, Armenia



# INTERNAL FIREWALLS

**F**ire is typically a very emotive subject and hardly a week goes by without some high profile fire being reported in the news media. These high profile fires are just the tip of the iceberg, carried by the newspapers on account of their recognisable brand, the associated problems of road closures and congestion or worse death or injury. The truth is that fire is a lot more common than people think and excluding the worst consequences of death or injury, the impact on trading can be sufficient to see businesses close.

**L**egislation is tackling the fire issue and we will shortly see the introduction of the Act of Fire Reform, which moves the responsibility of minimising the risk of fire to that of the specifier. This shift in responsibility will see many common products come under greater scrutiny and the emergence of true fire-resistant products that are designed to protect.

The failure of internal partition walls is frequently cited as contributing to the rapid spread of fire throughout a building, yet it was believed that these foam-cores, such as polyurethane or polyisocyanurate, were non-combustible. This misconception arises, in part, due to the Loss Prevention Certification Board, which does not differentiate by risk or performance when assessing similar construction systems with respect to fire. In addition, over-selling of product performance, coupled with brand familiarity and loyalty can often deflect close scrutiny and therefore poor specification.

Throughout Europe, Trimo has been developing its products to meet the varying and exacting standards for fire protection and its Trimoterm wall FTV and roof SNV panels are now widely specified on account of the fire protection they offer. With a laminated mineral fibre core

(fire resistance class A1, DIN4102) Trimo's Trimoterm panels offer a true 2-hour or even more fire rating (integrity and insulation), which, when used as either external cladding or as internal partition walls, confers the very highest protection available.

Trimo's Trimoterm FTV fireproof panels, which carry both FM approval and LPCB certification, are already being specified on many UK-based projects for being extremely versatile – can be installed vertically or horizontally – and in particular across the food services sector, where they are increasingly finding application as internal partition walls and ceilings.

Trimoterm FTV panels are available with s-, v-, smooth, micro-lines or multi vario profiles adding to their versatility and can span up to 14 metres. A range of pre-formed decorative elements are also available from corner elements to flashings.

It is also worth noting that Trimo's SNV roofing panels also have a 2 hour fire rating – the only external roofing system presently on the market that has. Its use as a ceiling structure within food factories and compartments provides an enhanced walk-on capability and structure stability as well as easier installation, due to the

upper trapezoidal profile finish, when compared to conventional flat panels ceiling structures.

The risk of fire can never be completely eliminated, but with a careful evaluation of the products available this risk can be minimised and the devastating consequences avoided.

For more information about the application of Trimoterm FTV panels as internal partition walls or the fire protection offered by Trimo's panels contact us at [sales@trimo.org.uk](mailto:sales@trimo.org.uk) or phone on +44 (0) 870 351 2022.

## 1. Taymar Bakery, Cornwall



# CASE STUDY

## Project Orange Bridgwater

REID Architecture appreciates the need to understand both operators' and developers' financial and occupational motives. Research, close liaison and discussion are key. We have also been working closely with consultant teams in developing effective ways of delivering these projects as economically, flexibly and safely as possible to the highest design standards. Our starting point is to understand client aspirations and to mesh these with local political and environmental constraints, imaginative infrastructure, master planning and building solutions.

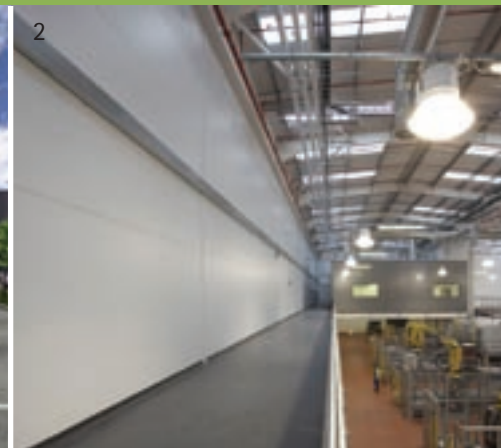
The facility will provide Gerber with both the maximum flexibility for growth and a high quality working environment. The challenge was to create a highly cost effective phase 1 production facility that demonstrates the client's commitment to efficiency and quality. In addition, it required the ability to extend and evolve as company operations develop without any detrimental effect to any of the preceding phases.

The whole project consists of five phases and Trimo is supplying its Trimoterm Fireproof FTV Invisio GLADIO panels as a single piece, vertical panel construction, on 12500 mm high elevations in 2 special colours - dark grey RAL 7024 and brilliant metallic silver RAL 9023. The truly flat panels that GLADIO provides, and cladding that uses fixings that are not visible, gives the project a clean, crisp and minimalist look, as well as a special aesthetic value, without compromising quality and functionality. Next to this, Trimo is also supplying all of the internal fire walls spanning up to 8500 mm horizontally from column to column which will provide an amazing 2 hour fire resistance, for both insulation and integrity.

Peter Farmer  
REID Architecture

<b>Project:</b>	Orange Bridgwater
<b>Size:</b>	27,780 sq m
<b>Client:</b>	Gerber Foods Soft Drinks Ltd.
<b>Architects:</b>	REID architecture
<b>General Contractor:</b>	Pearce Construction
<b>Cladding Contractor:</b>	G&S Sheeting, Stancold plc.
<b>Construction Value:</b>	£ 26 m (initial phase)

1., 2., 3. Orange Bridgwater



# Gallery



**POLICE ACADEMY**

Riga, Latvia



**HAMMERSEN**

Osnabrück, Germany



**GABRIJEL ALUMINIUM**

Grosuplje, Slovenia



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