

**Al-Mutawaa**  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.

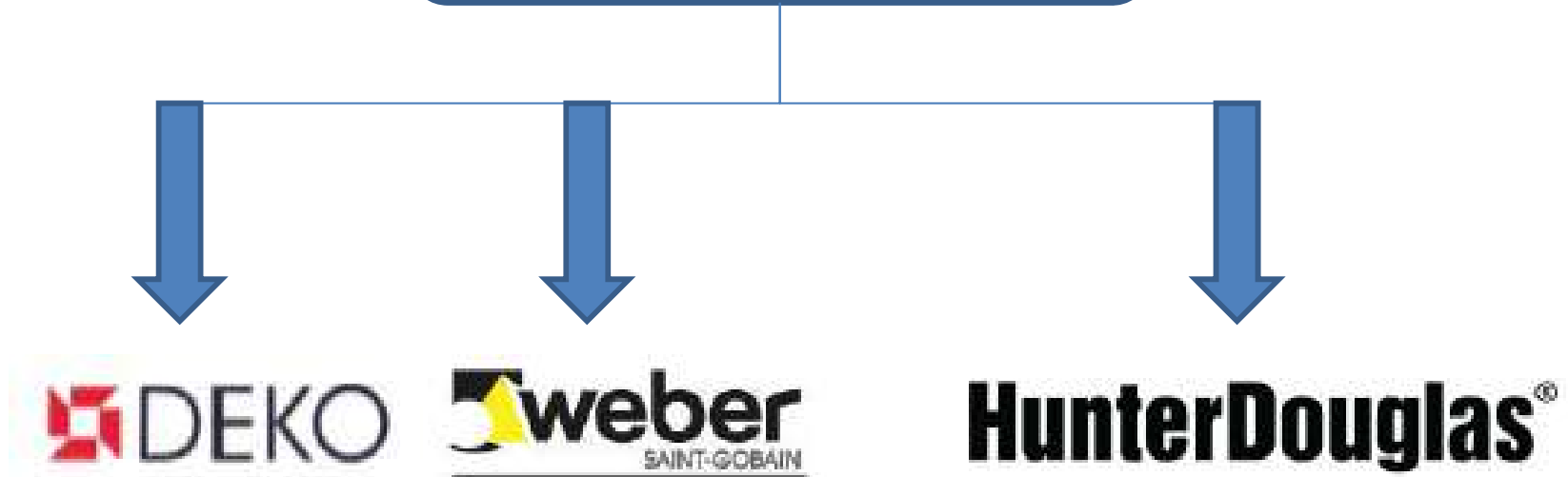
# Construction Products



[WWW.AL-MUTAWAA.COM](http://WWW.AL-MUTAWAA.COM)

## Finishing Department Presentation

# Finishing Product



**Al-Mutawaa**  
Trading Company L.L.C.



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DEKO PARTITION

*Manufacturer :*

**DEKO, Denmark**



## DEKO - Perfect Partitioning Solutions

DEKO is one of the leading companies in Europe producing and supplying demountable system as well as glazed partitioning solutions and matching door systems. It is our strategy and goal to manufacture flexible products based on prefabricated standardised components of high quality and design. Products that comply with statutory requirements with regard to fire resistance, sound reduction as well as customer requirements in terms of the environment, functionality, aesthetics, and quality.

Product development takes place at our head office in Denmark. In Denmark we work both as a producer and as a contractor. The knowledge and experience from our contracting businesses is used to develop new and innovative products.

Our working process in these areas is based on four key aspects: Insight, Inspiration, Innovation, and Implementation.

This working process combined with our 40 years of experience has made it possible for us to be a state-of-the-art company.

Being an international product distributor, it is very important to ensure that our focus on the four key aspects is maintained not only in our work nationally, but also in the work of our many distributors in 35 countries worldwide.

In order to supply high quality products, we base our product development on our own contracting experience as well as the experience of our partners. We co-operate closely with our international distributors as well as architects, contractors, and end users. In that way, it is possible for us to obtain the necessary inspiration and insight in the implementation and function of our products. The insight and inspiration enables us to maintain an innovative range of products that complies with national and international standards.

# Certificates and Approvals

It is DEKO's strategy and goal to manufacture flexible products based on prefabricated standardised components of high quality, design, and with a perfect finish.

DEKO products comply with statutory requirements with regard to fire resistance, sound reduction as well as customer requirements in terms of the environment, functionality, aesthetics, and quality.

DEKO was the first company in Europe to achieve the European Technical Approval (ETA). The ETA covers fire, sound and statics for all DEKO basic products.

On top of this DEKO's quality assurance programme is based on the ISO 9001 standard and is audited and certified by Dancert A/S, a very strong European certification institute.

The advantage for DEKO customers lies in:

- High level of quality and design
- Flexible system with a through-going design
- Combination of solid and glazed partitions
- Individual solutions
- The installation – easy to do and easy to change



**DEKO FG**



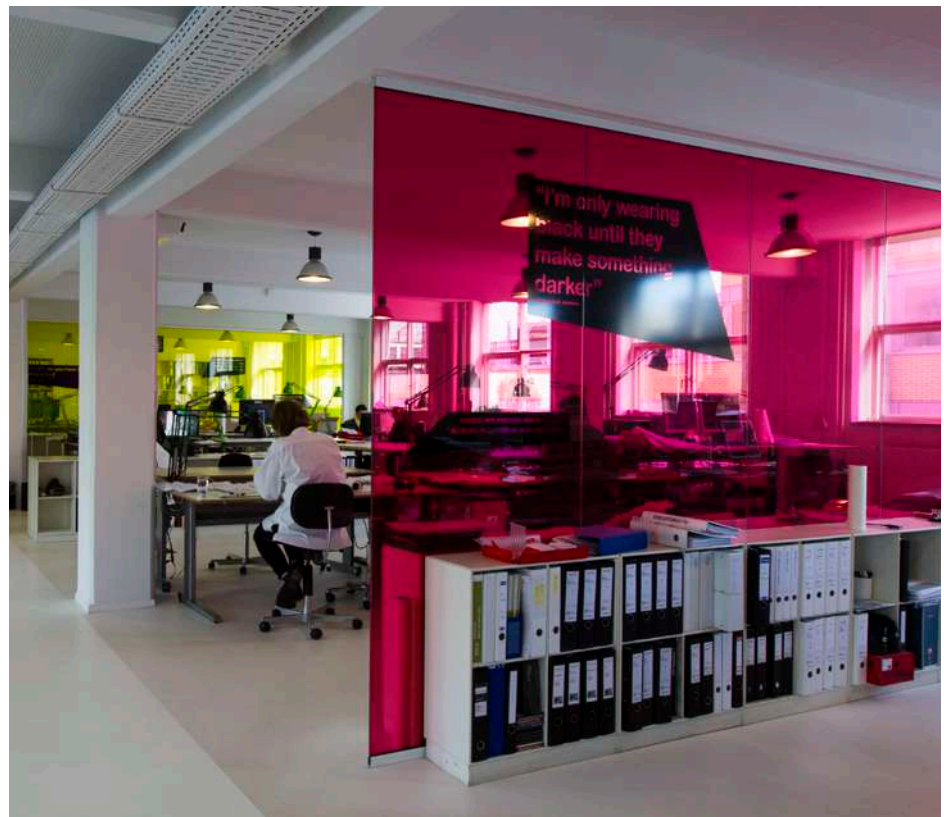
# DEKO FG

Fully Glazed Partition - An Open Environment

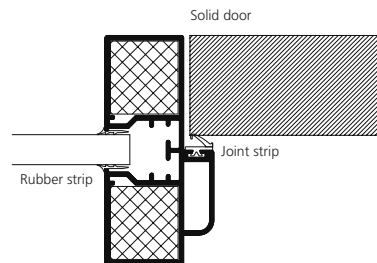
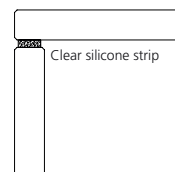
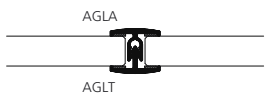
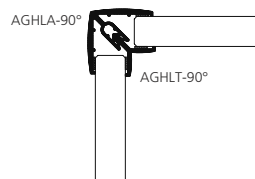
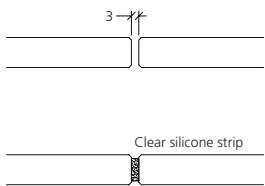
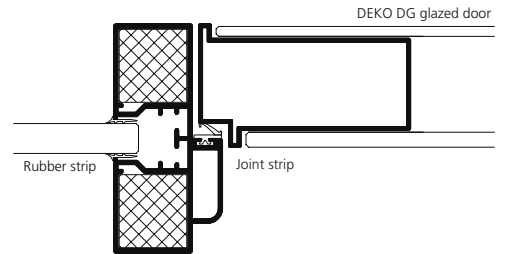
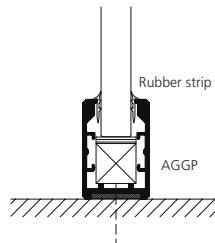
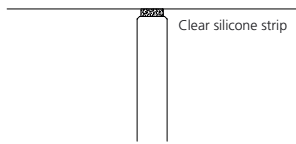
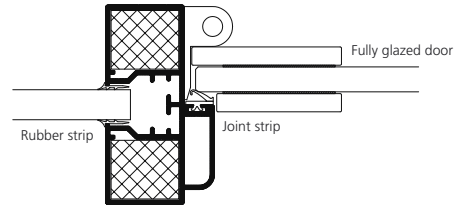
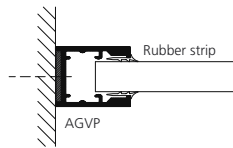
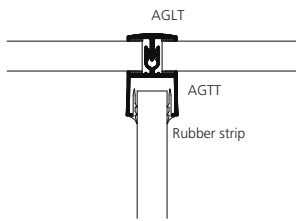
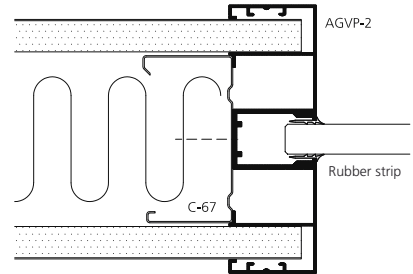
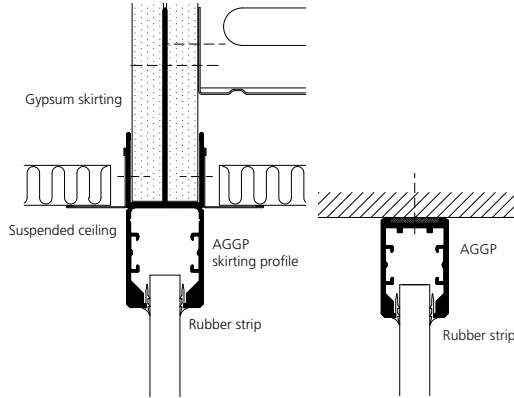








# Details for DEKO FG





## A Complete Door System

Sliding doors, pivot operated doors, and doors in aluminium frames can be fitted into DEKO FG partitions. The aluminium frame used is designed to offer high stability, making it possible to incorporate fully glazed doors, glass framed doors, solid wooden doors or the elegant DEKO DG glazed doors. The choice of door depends on the requirements for function, sound, design and possibly transparency.





## Type Summary

Type	Partition Thickness (mm)	Glazed Module	Glazing Sizes (mm)	Weight (kg/sqm)	Airborne Sound Insulation	Fire Resistance
DEKO FG <sup>1,2</sup>	27-32	1	10, 12, 15, 17	25, 30, 38, 43	34-42 dB <sup>4</sup>	Unclassified <sup>3</sup>

- 1) Fully glazed partitions are supplied in customized sizes. For more information of maximum sizes, choice of glass types and joints contact our export department.
- 2) 12 mm glass is stocked in 10M modules in partition heights of 2500-2850 mm.
- 3) DEKO FG with dedicated sprinkler system and toughened standard glass meets the EI 60 fire requirements.
- 4) The airborne sound insulation of the glass itself depends, among other things, on the glass type installed.

For more information on DEKO FG2, DEKO FG Silent and DEKO FG Fire, please see the specific product sheets.

**DEKO FG Fire**



# DEKO FG Fire

## Fire rated fully glazed partitions

Today, many companies and architects prefer to use DEKO FG fully glazed partitions with full-height glazed elements for all interior partitioning, provided they meet applicable fire rating standards - therefore we are pleased to introduce DEKO FG Fire as part of our product range.

DEKO FG Fire is classified up to EI 60 construction according to European, and international, standard. All testing was carried out in Denmark by the Danish Institute of Fire and Security Technology.

With the fire-rated DEKO FG Fire, the same DEKO FG construction can be used for entire interior partition solutions in full compliance with the fire requirements applied by national authorities.

As with the rest of the DEKO FG product range, DEKO FG Fire is ETA approved and CE labelled.

### Partition construction

DEKO FG Fire fire-rated glazed partitions are made from 20–31 mm special fire rated glass. The vertical joints between the glazed elements are made from a 3 mm black, fire rated silicone joint.

To give the partition an exclusive finish, the joints can be supplemented with a slim aluminium profile installed over the joint.

As with the other DEKO FG partitions, the visible profiles are supplied as standard in natural anodised aluminium.

As an alternative to DEKO FG Fire, DEKO FG fitted with sprinkled glass also meets fire rating requirements.

For further information about DEKO FG with sprinkled glass, please contact our export department.



### Doors

The types of doors used for DEKO FG Fire are aluminium frame doors in glass or solid wood. Both single and double doors can be installed in our DEKO FG Fire aluminium frame.

To meet the enhanced fire rating requirements, the frame constructions used in DEKO FG Fire partitions are more robust than the frame constructions installed with traditional DEKO FG glazed partitions.

### Assistance

If you have any further questions regarding DEKO FG Fire, please do not hesitate to contact us. We are ready to help you throughout the entire process, from initial consultancy to placing the final order with the correct item numbers.



DEKO partitions Ltd  
Maarkaervej 11, DK-2630 Taastrup, Denmark

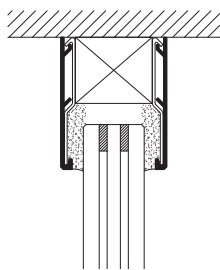
Tel: +45 43 55 77 11 · Fax: +45 43 55 77 13  
info@deko.com · www.deko.com



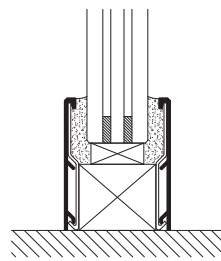
## Type Summary

Type	Partition Thickness (mm)	Glazed Module (Number)	Glazing Sizes (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)	Fire Resistance
FG Fire EW 30	37	1	20	50	40 dB	EW 30
FG Fire EI 30	40	1	23	58	42 dB	EI 30
FG Fire EW 60	40	1	23	58	42 dB	EW 60
FG Fire EI 60	48	1	31	78	43 dB	EI 60

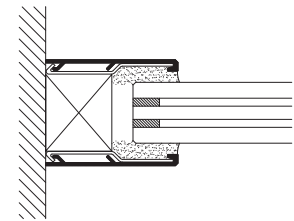
## Details



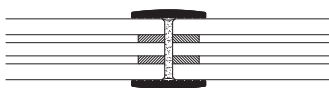
Ceiling connection



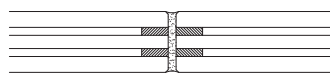
Floor connection



Abutment



Profile joint



Sealed joint

For more detailed drawings and technical information, see [www.deko.com](http://www.deko.com)







بكرة الحبل الموقد  
FIRE HOSE REEL

مطفأة الحريق  
FIRE EXTINGUISHER









**DEKO FG2**

# FG2

DOUBLE GLAZED FRAMELESS PARTITION

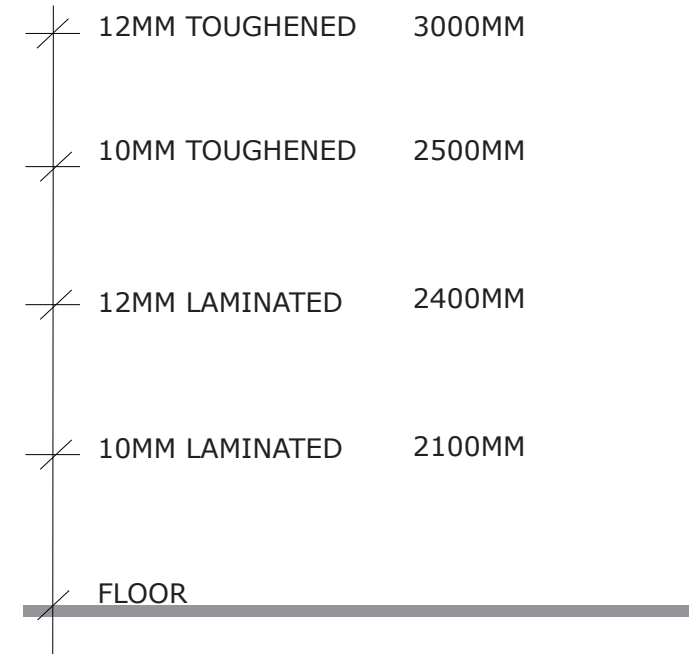


## TYPE SUMMARY



TYPE	THICKNESS	GLASS TYPE	SOUND REDUCTION
FG2 1090	92 MM	10MM TEMP + 10MM TEMP	45 dB
FG2 1090	92 MM	12MM TEMP + 10MM TEMP	45 dB
FG2 1090	92 MM	10MM TEMP + 10,76MM SOUND LAM	46 dB
FG2 1090	92 MM	10MM TEMP + 12,76MM SOUND LAM	46 dB
FG2 1290	118 MM	10MM TEMP + 10MM TEMP	45 dB
FG2 1290	118 MM	12MM TEMP + 10MM TEMP	46 dB
FG2 1290	118 MM	10MM TEMP + 10,76MM SOUND LAM	47 dB
FG2 1290	118 MM	10MM TEMP + 12,76MM SOUND LAM	48 dB

## MAX. HEIGHT OF DIFFERENT GLASS TYPES



## ISSUES TO FOCUS ON

The adjacent construction must at least have the same sound reduction.

FG2 partition can carry itself, only and gives no support to other construction. The above construction is not movable.

Before installation the area must be cleaned and without any dust.

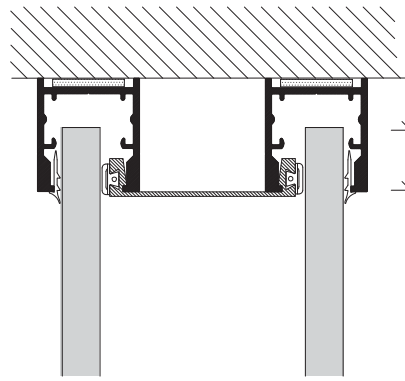
Special tool for moving the glass is required.

Access to lift in materials must be secured.

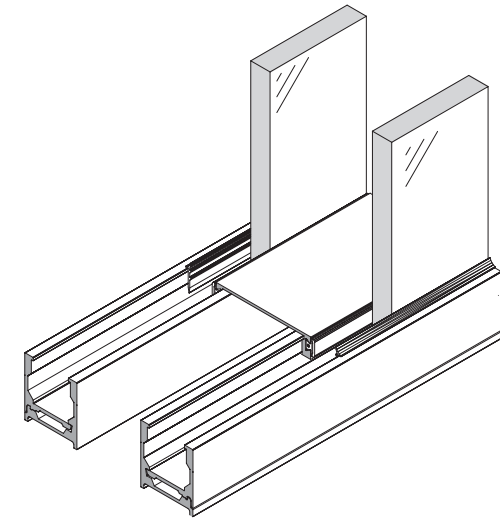


# TOP, BOTTOM AND WALLSTARTER

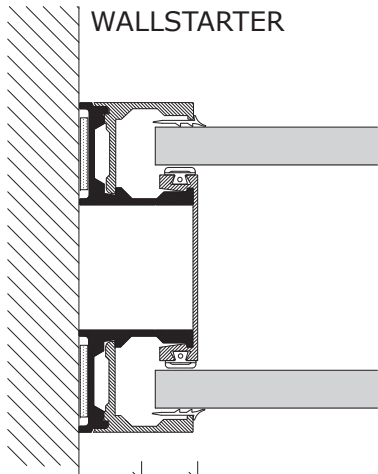
TOP



Glass into profile MIN: 15mm



WALLSTARTER



## CALCULATION OF GLASS DIMENSIONS:

HEIGHT

if 30mm profiles = Structure opening height - 32mm

if 40mm profiles = Structure opening height - 32mm

WIDTH

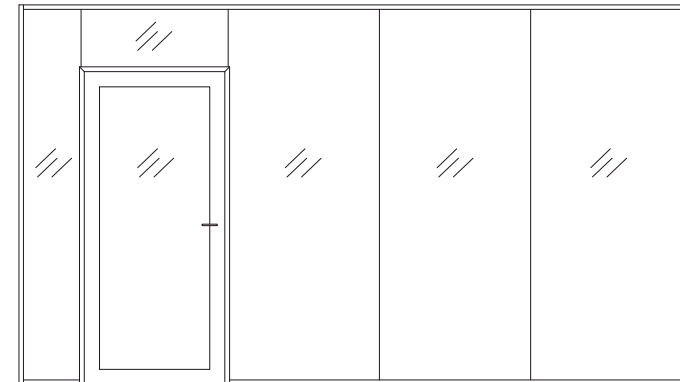
Wallstarter: - 15MM

Into frame: + 10MM

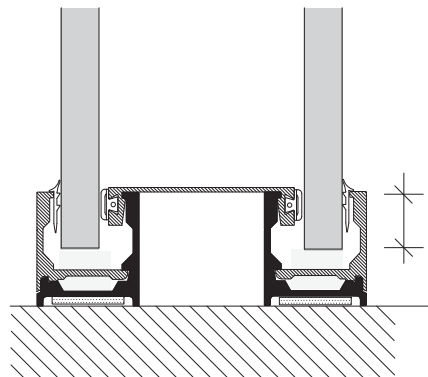
Silicone joint between glass: - 3MM

Space at profiles + between glass (if silicone joints)

15 3 3 3 3 15



Glass into profile MIN: 15mm



Glass into profile MIN: 10mm

Bottom

- 1090 → 30MM MM PROFILE → AGVP-15 + FG2 AVUF
- 40MM MM PROFILE → AGGP-15 + FG2 AVUF
- 1290 → 30MM MM PROFILE → AGVP-15 + AVUF 2
- 40MM MM PROFILE → AGGP-15 + AVUF 2

**DEKO GV**



# DEKO GV

Double Glazed Partition with High Sound Reduction







## DEKO GV Double Glazed Partition with High Sound Reduction

It is proven that daylight has a considerable effect on general well-being and job satisfaction, and that unacceptable levels of noise in the working environment disturb concentration.

DEKO GV is a perfect solution when effective sound reduction is required while maintaining a light and elegant interior.

DEKO GV is based on a contemporary design, so it harmonises with many types of interiors including traditional office buildings, schools, public buildings and laboratories, as well as modern state of the art buildings.

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Glazed elements are joined with slim 35 mm aluminium trims to create a light, minimalistic partition.

As standard aluminium components are white or natural anodised, but can be powder coated in other colours if required. To give the DEKO GV a perfect surface finish trims are produced with a full aluminium cover profile or with a U-shaped decorative strip in either the same colour as the trim or as a contrast..

With its precise lines the DEKO GV double glazed partition adds an individual touch to the overall appearance of the partition.





## Customised Doors

We have developed a door system with a unique DEKO aluminium frame system to match our double glazed partitions.

Solid, glazed, fully glazed or glazed sliding doors can be incorporated in DEKO GV if required – as is possible with all our products. Doors are available to meet design, sound, and fire requirements.

DEKO Doors fitted within our aluminium frame provides a highly stable construction. It is possible to install DEKO doors in other types of DEKO partitions as well as in other types of concrete, brick, or drywalls.

DEKO Doors are available both as single or double leaf and in varying sizes. We produce a wide selection of standard accessories including handles, door closers, furniture, and lock boxes.



## Fire Proofing

DEKO GV is tested and classified according to European and Danish fire certification standards.

DEKO GV is tested and classified as an F30 construction if one layer is fitted using 7 mm fire rated glass. In addition, if sprinkled glass is fitted, the glazed partition is EI60 classified at the Danish Institute of Fire and Security Technology without any use of fire rated glass. For this type of construction we use conventional 6 to 8 mm toughened glass.

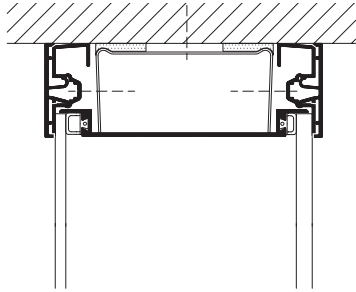
The slim aluminium trim construction is used for all DEKO GV partitions regardless of the fire requirements.

As an alternative to double glazed partitions we also produce the DEKO BK fire rated glazed partition and the DEKO FG Fire fully glazed partition, both tested and classified up to EI60.

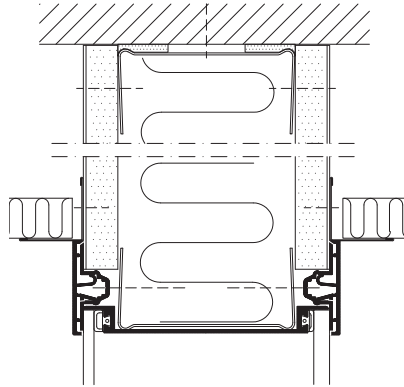




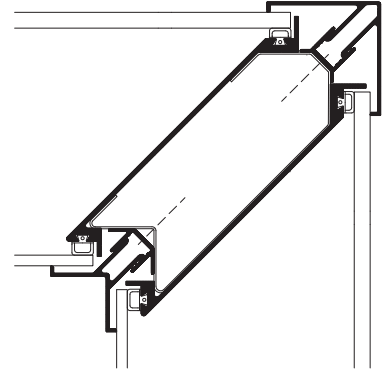
# Details for DEKO GV



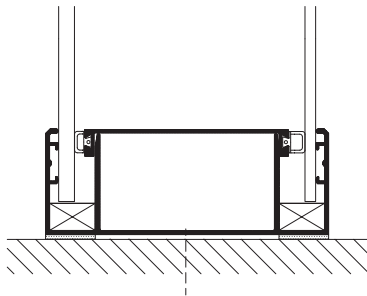
Fixed ceiling connection



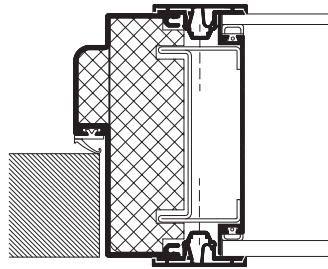
Suspended ceiling connection



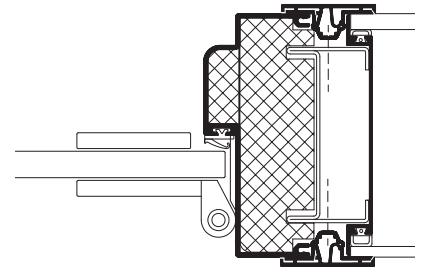
90° corner



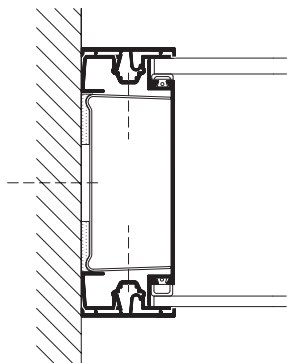
Floor connection



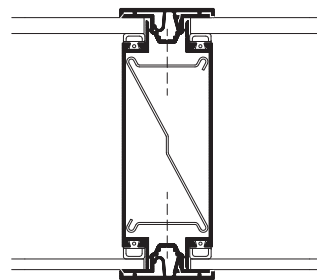
Solid door



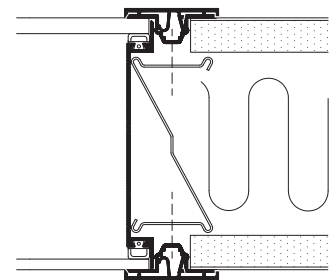
Fully glazed door



Abutment



Glass joint



Glass/gypsum board joint



## Type Summary

Type	Partition Thickness (mm)	Layers of Glass	Glass Thickness and Type (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)	Fire Resistance
GV 1090	92	2	4 + 6 mm	25-35	39 (44) dB *	Unclassified
GV 1290	118	2	4 + 6 mm	25-45	39 (49) dB *	Unclassified / EI60 **
GV 1490	144	2	4 + 6 mm	25-35	39 (44) dB *	Unclassified
GV 1090 F30	92	2	4 mm float glass + 7 mm fire rated glass	30	39 dB	F30
GV 1290 F30	118	2	4 mm float glass + 7 mm fire rated glass	30	39 dB	F30

\*) The sound insulation values in brackets have been achieved by incorporating other glass types than our standard glass. It is also possible to achieve the values of 41, 42, and 44 dB respectively by using special glass. The values are based on official DELTA tests.

\*\*\*) The GV partition with dedicated sprinkler system and 6 + 8 mm toughened glass meets the EI60 fire requirements. It has been officially tested at the Danish Institute of Fire and Security Technology.

**DEKO FV**



# DEKO FV

Folding Partition: A Flexible Room Divider



## DEKO FV - Create Spaces Which Work for You

Modern trends dictate big, open spaces; however, it is often desirable to have the flexibility to divide areas like meeting and conference rooms, offices, canteens, and class rooms, or to divide large open spaces in public buildings into smaller areas.

DEKO FV provides the ideal solution for this purpose.

The size and appearance of the folding partition can be designed according to customers' needs to ensure the partition blends harmoniously with the adjacent interior finishes.

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## Designed to Perfection

DEKO folding partitions consist of individual panels which are joined together. The panels are built to a high standard, and consist of aluminium profiles, timber panels, and sound absorbing insulation material, which make it possible to achieve a sound reduction up to  $R_w$  52 dB.

The panels are 80 mm thick. Their size depends on the height and length of the partition.

Folding partitions can be built as one continuous partition with the last section functioning as a door, or as two partitions connecting in the middle. The last element will always be a door module equipped with a ball catch and a recessed handle. When the partition is closed, the modules are locked with a concealed cremone bolt in every other panel.



The top and the bottom of the panels are fitted with a rubber strip that seals tightly when the partitions are locked. The edges of the panels have a protective trim to prevent damage. As standard, the edge trims are produced in natural anodised aluminium, but they can also be supplied in other colours if required.

Tracks and joints are produced in white, as standard; however, other colours are available on request.

Vision panels using float glass, acoustic glass, or thermo glass can be incorporated.





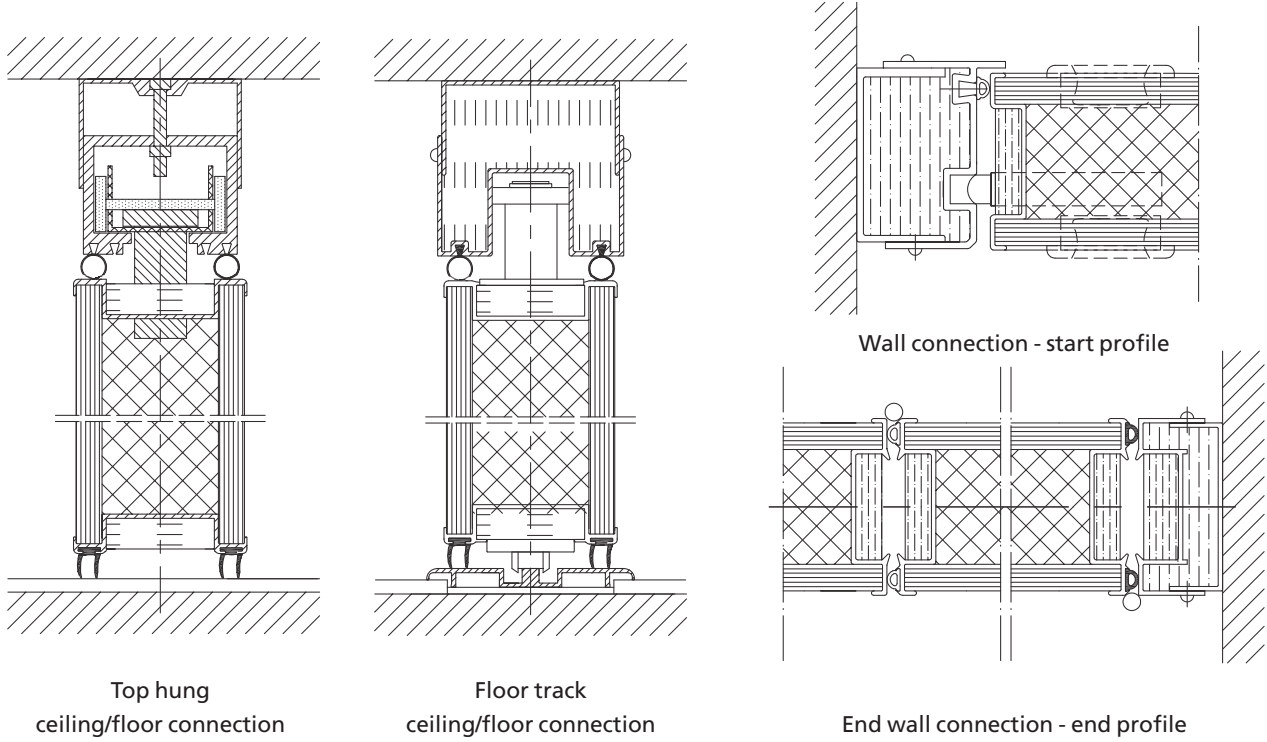


## Finishes

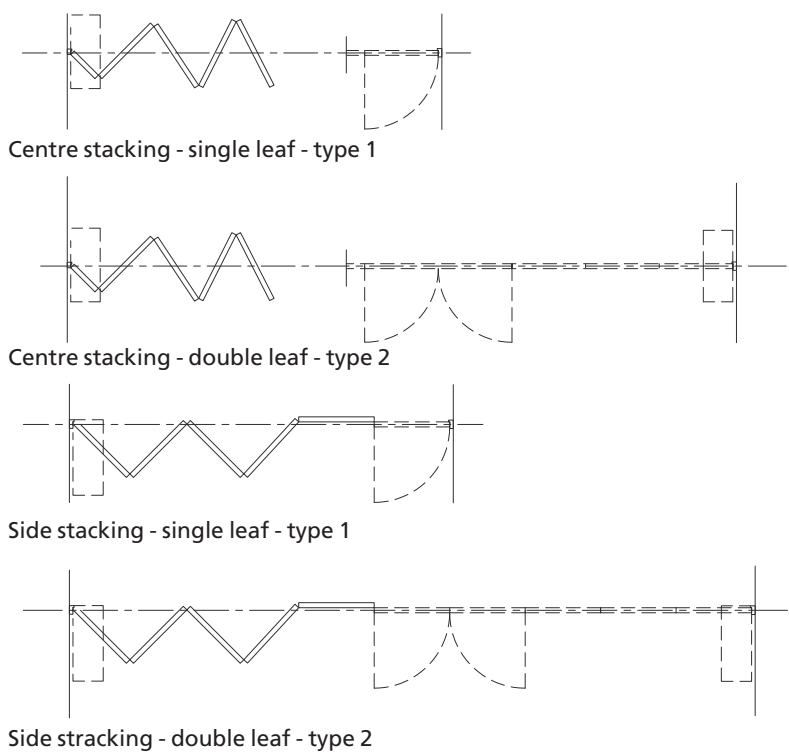
DEKO FV is produced with strong, easily cleaned surfaces to ensure durability.

DEKO FV elements are available painted in a selected colour or coated with other types of surface material, e.g. laminate, melamine, whiteboard or wooden veneer to give the partition an attractive finish.

## Details for DEKO FV



## DEKO FV Stacking Options





## Type Summary

Type	Thickness (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)
FV 41	80	26	41 dB
FV 44	80	30	44 dB
FV 47	80	35	47 dB
FV 49	80	40	49 dB
FV 50	80	41	50 dB
FV 52	80	42	52 dB

Module width 400-1000 mm.

**DEKO FV Glass**



# DEKO FV Glass

A 99.9% Glazed Folding Partition





## Simple Space Planning

Solid DEKO FV Folding Partitions are the obvious choice for some places in a building – and in other places DEKO FV Glass fully glazed folding partitions with their transparent look are the preferred method of dividing up large rooms into smaller units.

The fully glazed folding partition can be built into existing solid walls or combined with our fixed DEKO FG fully glazed partitions to achieve a complete interior formed with single glazed partitions.

### **Folding partition with small visible trims**

DEKO FV Glass partitions are built to suit the specific opening into which they are to be installed. As standard folding partitions are supplied with small exclusive trims in the corners of glazed elements with a top track fitted in the ceiling structure and a guide rail on the floor.

The system is supplied with natural anodised aluminium trims and glazed elements of 10 mm toughened clear safety glass in individual module widths of up to 1000 mm.

The trims can also be powder coated in other colours - and the folding partitions can be supplied with different types of glass.





### Decoration

Like our other DEKO glazed partitions, DEKO FV Glass is suitable for applied film in such designs as stripes, patterns or texts in various colours or frosted versions.

One or more glazed elements in the folding partitions can be supplied with coloured or frosted glass for both privacy and options to use the surfaces as whiteboards.

For additional privacy, Venetian blinds or drapes can be fitted.





### **Suspension, locking and stacking**

DEKO FV Glass is a top-hung system with continuous aluminium tracks fitted to structure with guide rails on the floor. The bottom trims on the glazed elements also function as locks to the guide rail.

If the folding partition is installed with an odd number of glazed elements, the last element always functions as a door. Options for door handles include a recessed handle, a knob, a bracket handle or a ball catch.

Installed with an even number of elements, the entire fully glazed folding partition can be supplemented with a DEKO FG pivot operated fully glazed door.

If locking of the door is required, the last element of the folding partition or door can be equipped with a corner lock at the floor.

DEKO FV Glass is easy to operate due to the connected glazed elements.

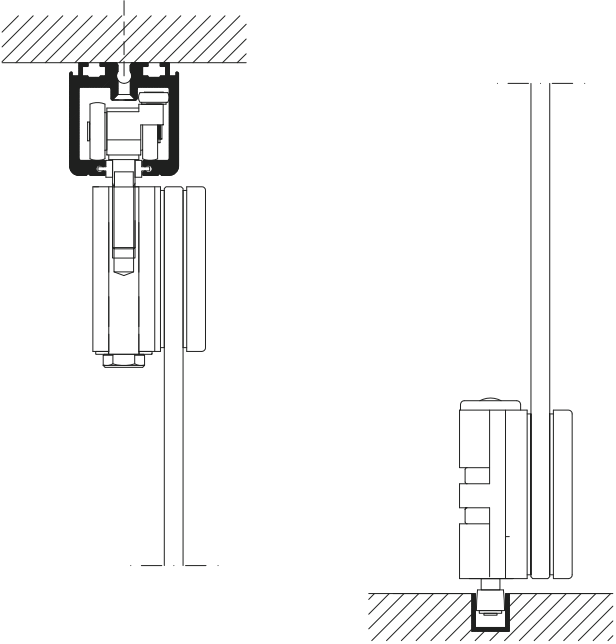
Fully glazed folding partitions are supplied both as single and double leafed partitions and side-hung for eccentric stacking.

DEKO FV Glass is also available with centre stacking arrangement – even with high height requirements.





# DEKO FV Glass details



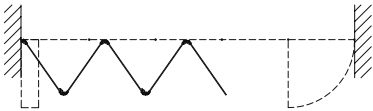
Ceiling connection at corner trim

Floor connection at corner trim

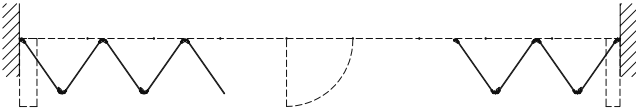
# Examples of DEKO FV Glass stacking options



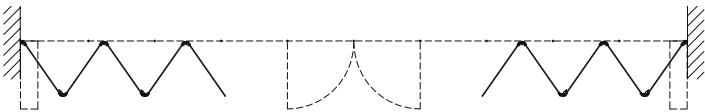
Single-leaf - even number of elements



Single-leaf - odd number of element



Double-leaf - odd and even number of elements



Double-leaf - odd number of elements

**DEKO MV**



# DEKO MV

Panel Wall with Discrete Stacking Solutions





## DEKO MV - the flexible panel wall

Flexibility is a key concept for DEKO; so naturally, our product range includes a well designed panel wall system.

Like the DEKO FV folding partition, DEKO MV is perfect for dividing a large area into smaller units. With each element being operated individually there are countless stacking options, e.g. in panel enclosures or in separate rooms.

The DEKO MV panel wall is produced in various finishes according to customers' specific requirements enabling the panel wall to have the same appearance as adjacent surfaces.



## Sound and Fire Specifications

DEKO MV elements are formed from a specially developed construction consisting of aluminium profiles, timber panels, and sound absorbing insulation material, which makes it possible to achieve a sound reduction of up to  $R_w$  53 dB.

The panel wall is also fire rated according to European standards in the categories EI30 and EI60.

A rubber strip is fitted to the top and bottom of the panels. When the panels are locked the rubber strip seals tightly against the adjoining parts of the building.

The elements are between 85 and 110 mm thick depending on the specific sound and fire requirements. The size of the elements depends on the height and length of the wall.



## Finishes

DEKO panel wall sections can either be spray-painted in a chosen colour or coated with other types of surface material, e.g. laminate, melamine or timber veneer to provide an attractive surface.

As standard, the elements are delivered with an edge trim, but they can also be provided without trims.

Tracks and joints are produced in the standard colour white, but can also be delivered in other colours.





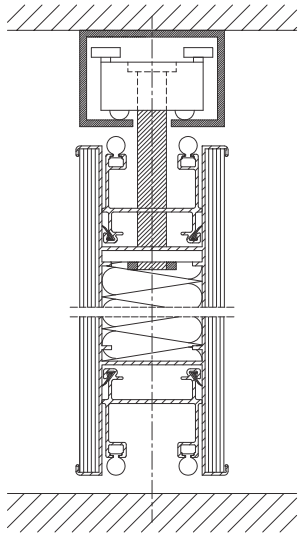
## Stacking and Closing Options

The panels of the DEKO MV screen can be pushed together and locked separately. Each element is locked at the floor and the ceiling with a concealed cremone bolt to ensure a highly stable wall.

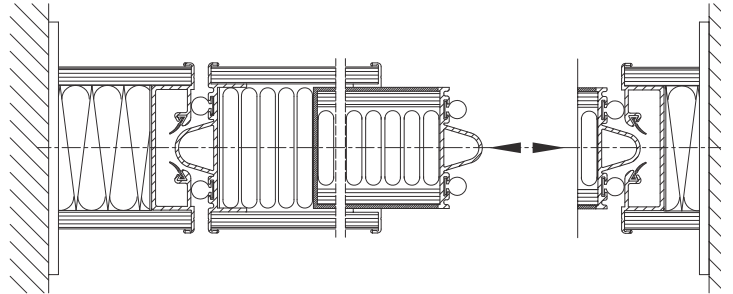
DEKO MV is delivered either with top hung centres or two point hung fixings depending on the stacking option chosen.

The panel wall is installed either centrally or off-centre according to the preferred stacking option.

## Details for DEKO MV

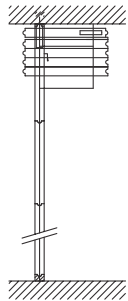


Ceiling/floor connection

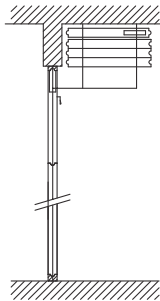


End wall connection

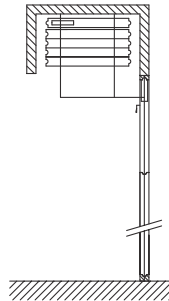
## DEKO MV Stacking Options



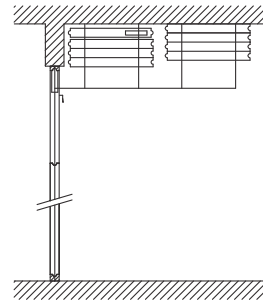
K1



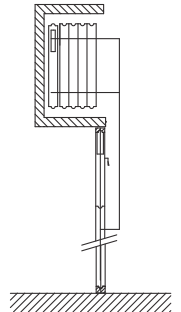
K3



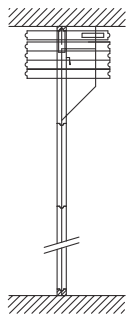
K4



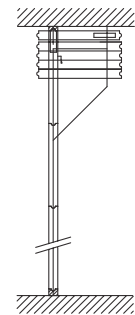
K5



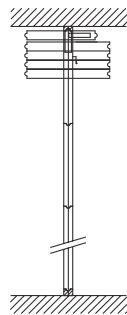
K6



Z1



Z2



E1





## Type Summary

Type	Thickness (mm)	Weight (kg/sqm)	Airborne Sound Insulation (Rw)	Fire Resistance
MV 41	85	26	41 dB	-
MV 44	85	30	44 dB	-
MV 46	85	35	46 dB	-
MV 48	85	40	48 dB	-
MV 50	85	42	50 dB	-
MV 52	100	52	52 dB	-
MV 53	100	54	53 dB	-
MV EI30	100	55	46 dB	EI30 *
MV EI60	110	61	50 dB	EI60 *

Maximum element width is 1250 mm. Maximum element height is 6000 mm.

\*) Fire tested according to European standards.

**DEKO MV Glass**



# DEKO MV Glass

A 99.9 % Glazed Panel Wall





## Glazed Panel Walls With Optional Stacking Arrangements

Like our solid panel walls DEKO MV, DEKO MV Glass is particularly suited to dividing up large spaces into smaller units and with specific requirements for stacking and installation.

Fully glazed panel walls with their flexible structure and their transparent look with a single layer of glass, are the perfect choice for, for example, canteens, offices and shops.

Panel walls can be integrated into existing walls or built together with DEKO FG fully glazed partitions, to bring the whole unit into a harmonious concept.

### Unique in its very own way

The DEKO MV Glass has been specifically tailored for individual interior decoration and can be supplied largely in all heights and widths.

The fully glazed panels are supplied as standard with 10 mm or 12 mm toughened clear safety glass. These are fitted with slim natural anodised aluminium tracks at the top and bottom of each pane.

As standard the last glazed element against a fixed wall functions as a pass door and is fitted with a floor lock. Options for door handles include a recessed handle, a knob, a bracket handle or a ball catch.

As the panel wall is tailored to each interior design, it can be fitted, for example, to fit in with the building's modules or follow a 90 degree corner without having to be divided up into several separate panel sections.



The flexible structure of the panel wall allows the whole wall or just parts of the wall to be closed, depending on the desired functionality.



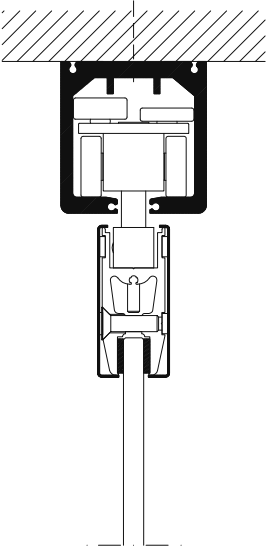
### Decoration

Like our other DEKO glazed partitions, DEKO MV Glass is suitable for applied film in such designs as stripes, patterns or texts in various colours or frosted versions.

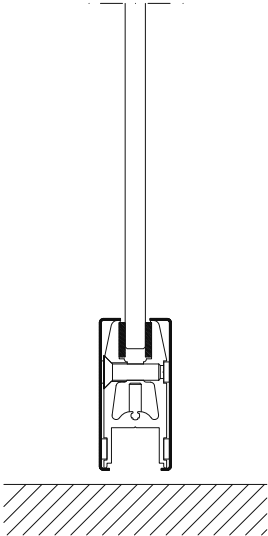
One or more glazed elements in the panel wall can be supplied with coloured or frosted glass for both privacy and options to use the surface as whiteboard.



# DEKO MV Glass details

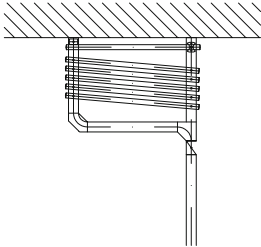


Ceiling connection

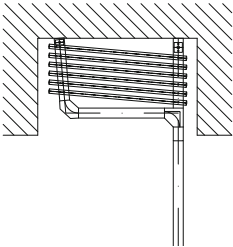


Floor connection

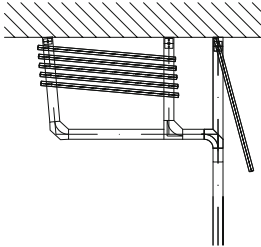
## Examples of DEKO MV Glass Stacking Options



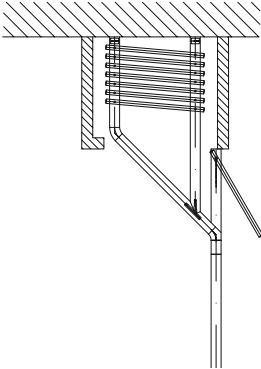
P1



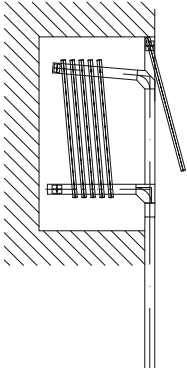
P2



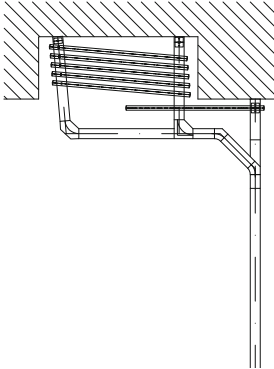
P3



P4



P5



P6

**DEKO Middle East  
Project Reference List**

## DEKO Middle East Reference List

Oman Arab Bank Head Quarter building, Muscat

Stienweg Sohar Head office, Sohar

Suhail Bahwan Corporate office, Muscat

Orpic Logistics Administrative office, Muscat – Oil and Gas

Dhofar Automobile Showroom and office, Muscat

PDO Lekhwar, Oil and Gas

PDO Marmul, Oil and Gas

Dubai Metro, Dubai

Central Bank of UAE, Abu

Caterpillar Middle East Hub, Jabel Ali, Dubai

Traffic Control Centre H.Q, Doha

Minister of Foreign Affairs, Riyadh

Municipality and Neighbourhood project, Kuwait



**Al-Mutawaa**  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.



**MINERALITE MAS**

*Manufacturer :*

**Weber**

**Saint – Gobain**

# Weber Company Profile

Founded in Lebanon in 1985, SODAMCO manufactures and markets quality construction chemical products particularly suitable to the building standards and specific climate conditions in more than seven countries of the Middle East and the Gulf.

SODAMCO entities are recognized as "Construction Chemicals Experts" in the region, after 26 years of continuous growth.



# Our Locations

Lebanon	SODAMCO S.A.L. - Hosrayel (Jbeil) - Factory	1985
	SODAMCO Holding Lebanon - Beirut	1996
Syria	SODAMCO Syria Ltd. - Damascus - commercial office	2010
U.A.E.	SODAMCO S.A.L. - Abu Dhabi	1990
	SODAMCO S.A.L. - Dubai	1998
	SODAMCO Emirates Factory for Bldg Materials - Musaffah	2007
	SODAMCO Holding - Masdar city Branch - Abu Dhabi	2010
Qatar	SODAMCO Qatar - Doha - Factory	2002
KSA	SODAMCO KSA - Jeddah - Factory	2007
	SODAMCO KSA - Riyadh - Factory	2009
Jordan	ATTADAMUNIA for Construction Industries - Factory - Amman	2008
	ATTADAMUNIA - Aqaba	2010
Kuwait	SODAMCO Kuwait	2008
Oman	SODAMCO Muscat	2011

**2009**  
**SODAMCO**  
**Saint-Gobain Weber**  
*Joint Venture*

# Our mission

- Develop products that meet customer satisfaction in every market
- Develop long term relationship with customers.
- Produce locally in markets with high potential to offer better service level to customers.
- Gain and maintain leadership positions in relevant markets and segments.
- Capitalize on attracting and retaining the best staff and experts in our field.
- Promoting growth and a challenging and safe work environment.



SODAMCO Weber strives to meet its customers requirements by closely monitoring their needs.

# & Clients

# Our Product Lines



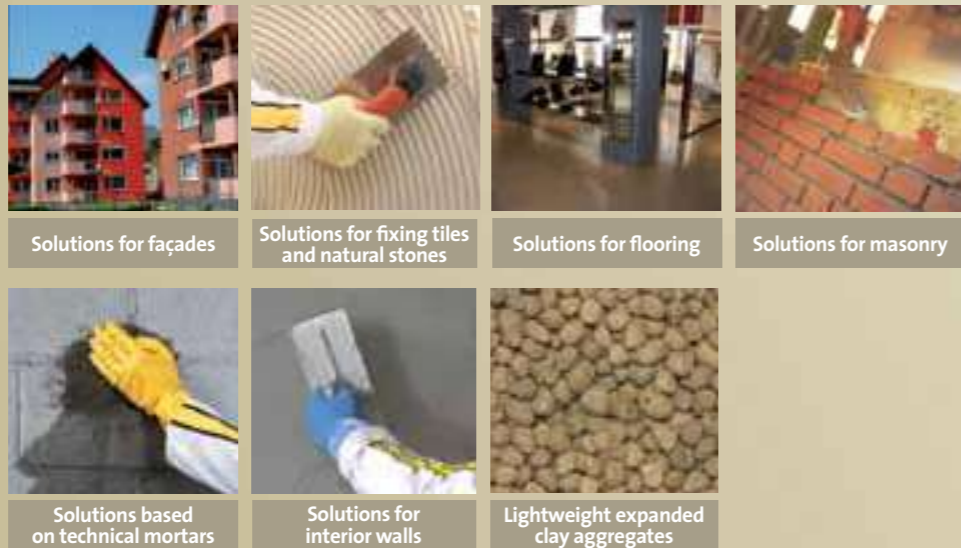
SODAMCO Weber's products are developed through extensive research & development and are subject to strict quality control procedures. The finished products are in conformity with European Norms (EN), BS and ASTM standards, allowing the company to obtain in Lebanon in 1999 the ISO 9002:1994 International Quality Certificate and in 2004 the ISO 9001: 2000, and in 2005 the 9001: 2000 certificate in the UAE, in 2008 in KSA and in 2009 in Qatar, SODAMCO is also an environmentally oriented company, having been certified in 2009 with the ISO 14001: 2004 in the UAE.

**& Standards**



**WEBER, WORLD LEADER OF PREMIXED MORTARS DEVELOPS SOLUTIONS FOR BUILDING CONSTRUCTION AND RENOVATION IN 46 COUNTRIES.**

**WEBER SOLUTIONS IN 46 COUNTRIES**



Solutions for façades

Solutions for fixing tiles and natural stones

Solutions for flooring

Solutions for masonry

Solutions based on technical mortars

Solutions for interior walls

Lightweight expanded clay aggregates

**WEBER WORLDWIDE PRESENCE**

**THE WEBER BRAND EMBRACES THE DIFFERENT COMPANIES THAT OPERATE UNDER ITS BANNER**

- A large network of point of sales supported by more than 200 production units in 46 countries.



**WEBER HISTORY**

- 1900** • Both companies Weber et Broutin were founded in France in the early 20th century. George Weber and Jean-Baptiste Broutin made gypsum and lime based façade renders in their factories in Paris. They merged in 1927.
- 1946** • After world war 2, the company expanded into the reconstruction market.
- 1970** • It became part of the Poliet group in 1970, and gradually expanded.
- 1982** • In 1982 Weber et Broutin started to develop on European markets.
- 1990** • Weber accelerates its European expansion: Italy, Germany, Eastern Europe...
- 1996** • Weber joined the Saint-Gobain group. The company became Saint-Gobain Weber.
- 1998** • Take over of Quartzolit and Concreto in South America. At the same time, Asia became Weber's second development zone outside Europe, with operations in Thailand, China, and Malaysia.
- 2008** • Saint-Gobain acquired Maxit Group, extending the presence of Weber to Nordic countries and Baltic, whilst reinforcing it in Germany, Benelux, Central and Eastern Europe, Russia and China.
- 2009** • Saint-Gobain Weber, finalized a joint-venture agreement with SODAMCO in Middle East, extending the operations to Lebanon, Syria, Jordan, Kuwait, Saudi Arabia, UAE, and Qatar, and opening good opportunities of development in this region.

**WEBER COMMITMENTS**

**INNOVATIVE OFFER OF SOLUTIONS AND SERVICES BASED ON THE WINNING COMBINATION OF A DEEP LOCAL KNOWLEDGE AND AN INTERNATIONAL EXPERIENCE**

**PROXIMITY WITH OUR CUSTOMERS**

- A network of flexible and close-by plants to make our products & services more accessible
- A strong knowledge of our customers job to better answer their needs
- An innovation process which involves our customers to guarantee efficiency, quality and competitiveness

**USEFUL INNOVATION**

- Solutions rather than products supported by relevant services
- Non worry products to increase comfort and productivity on the jobsites
- Polyvalent solutions to simplify logistic and selection
- Strong training programs for our customers on our new solutions

**ENVIRONMENTAL FOCUSED APPROACH**

- Product made of safe components
- Limited road traffic, thanks to our network of plants
- Contribution to energy savings supported by a full range of façade insulation systems
- Industrial process with low energy and water consumption



# Mineralite Data Sheet

## Exposed aggregate rendered finish

### PRODUCT

**Mineralite** is cement based final render coat, finished to expose a variety of durable aggregates including granites and glass. It is supplied as a blend of dry materials which requires only the addition of clean water to provide, when finished, a highly durable rendered surface.

### USES

- Mineralite is the decorative top coat of a two coat render system
- Mineralite is suitable for both interior and exterior walls
- Mineralite will protect, decorate and upgrade concrete, blockwork, render and other masonry substrates

### SUITABLE SUBSTRATE

- Sand-cement renders.
- Existing mineral render.
- Concrete
- Masonry substrates – undecorated. It is available in a range of natural aggregate colors.

### CHARACTERISTICS

Mortar density	2.21 g/cm <sup>3</sup>
7 day flexural strength	4 MPa
28 day flexural strength	5 MPa
7 day compressive strength	16 MPa
28 day compressive strength	17 MPa

\*Values obtained acc. to BS EN 1015-11:1999\*

*\*Please note that results may vary due to the natural variations in raw materials used in the production of mineralite.*

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

**Mineralite** should be applied onto a 10 -12 mm undercoat of Sodamco -Weber ready mix plaster.

Scaffolding must be independently tied to allow for an uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified.

To avoid dampness and discoloration rendering should be avoided below DPC and within 150 mm of ground level.

All surfaces must be sound, clean, suitably dry and free of any material which may impair adhesion.

Undercoats must be well adhered to the substrate, of good alignment, thoroughly horizontally keyed and fully cured



### PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg

before mineralite is applied. All faults to be rectified before mineralite is applied.

Mask and protect as required. Edging tape must be removed before the material has dried.

Expansion joints should be included to coincide with joints in the substrate and carried through all render coats. To aid good quality application panel size should be controlled: a maximum of 6m<sup>2</sup> is recommended as a workable size.

Feature stop details, angles and joints in mineralite should be formed using clean and straight hardwood battens of 5mm thickness with chamfered edges. Alternatively suitable PVCU beads may be used.

### PRODUCT PREPARATION

**Mineralite** should be mechanically mixed with clean water at the rate of 4-5 liters per 25kg bag using a tumble mixer or suitable drill with whisk attachment.

Do not mix manually. Maintain a constant water : powder ratio throughout the application.

To ensure color uniformity of adjoining panels, mineralite should have the same batch number. **Mineralite** from different batch numbers should be thoroughly mixed together before use.

## PRODUCT APPLICATION

**Mineralite** is applied by stainless steel trowel and leveled to a thickness of 5mm. Using a plastic float, and SS trowel ensure the surface is closed. When firm to the touch, the aggregate is exposed with a wool roller and clean water. Consolidate with a damp felt pad. After 24–48 hours maximum clean the surface with a dilution of 1 part hydrochloric acid to 3 parts clean water.

## APPLICATION PRECAUTIONS

Do not apply :

- On wood or metal surfaces
- On gypsum-based materials or paint.
- At ground level in order to avoid staining.

On design features such as parapet or similar, the render should be protected.

For difficult substrates please call Sodamco-Weber for advice.

As with all batch-made materials, and especially those containing natural aggregates, an exact color match cannot always be achieved.

## PROTECTION

Protection from unfavorable weather conditions should always be provided during application and early age curing.

## CURING

3 - 5 days after application.

## CLEANING

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

## CONSUMPTION

Approx 75m<sup>2</sup> per ton at 5 mm thickness.

**Note:** this estimate does not allow for wastage and may vary according to the type and condition of the substrate.

Undercoats to receive mineralite must be of good alignment.

## STORAGE

12 months after manufacturing date in original and non-open packaging , under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

## SAFETY PRECAUTIONS

Contains cement (Contains chromium (VI) ). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and

skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

## DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

## NOTE

The information included on this Technical Data Sheet is the sole property of SODAMCO Holding. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.

PG: 02

# **Mineralite Description and Application**



# Description

- **Decorative mineral render finish**
- **Exposed aggregate finish**
- **Surface is 90% natural aggregates**
- **Composition; natural aggregates, cement, fillers, additives, glass grains**
- **Highly durable and protective**
- **Suitable for extremes of climate**



# Features & more

- **Exposed aggregate – normally only seen on precast concrete**
- **Compressive strength 19N/mm<sup>2</sup> - similar to fine aggregate concrete**
- **Very low permeability yet still allows the substrate to breathe**
- **Contains recycled raw material; glass cullet/waste glass processed into glass grains.**

# Technical recommendations

## ❖ *Substrate*

- Sand: Lime: Cement render
- Sodamco Weber Premix.plaster
- Minimum 10mm thickness
- Deeply keyed (3mm) horizontally
- Cured and fully hardened



## ❖ *Corners & Joints*

- UPVC profiles
- Fixed before application
- Permanent feature
- Movement joint
- Corner : Alternative method using aluminium bars
- Removable battens to form an open joint or a straight corner or angle
- Hardwood battens



- Depth 5mm
- Width 10-20mm
- Chamfered edges
- Fixed with headless SS pins
- Can be UPVC profile as shown
- Expansion joints: Must be flexible and through the substrate and render coats.



# Application tools needed



# Method of application

## ❖ *Substrate preparation*

- Brush to remove dust and loose material

- Wetting

-The night before

-Again before application

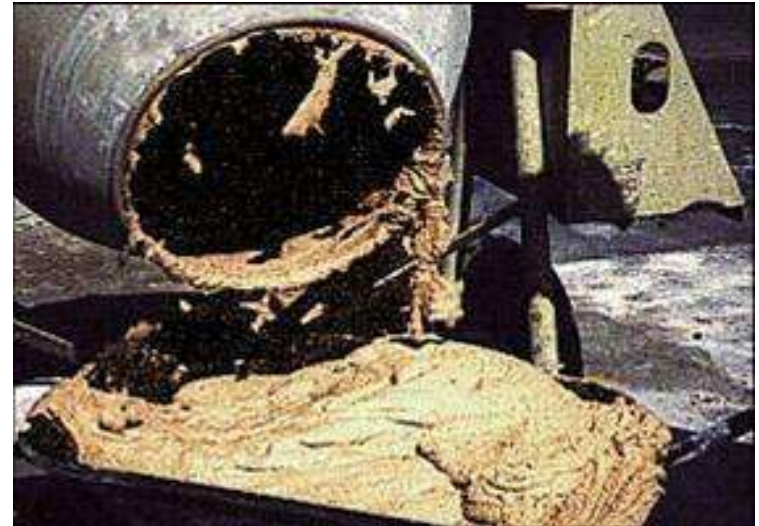
- Check again for any faults

- Ensure that profiles and battens are fixed securely



## ❖ *Mixing*

- Mechanical mixing (Promote this only)
- Tumble mixer; 4 bags
- Drill and whisk 1 bag
- Water content 4-5ltr /bag
- Stay consistent (Especially dark colours)
- Avoid manual mixing (Actively discourage it)





## ❖ *Application*

- Manual only
- With Stainless Steel trowel
- Target thickness 5mm (As per profiles already set)
- Applied with speed
- Must be continuous



## ❖ *Leveling*

- Flatness (One of our main objectives)
- Some filling is necessary at this stage
- Level again until no low or high points



## ❖ **Consolidation**

- 4 objectives
  - Merge the whole area into one
  - Move the aggregates to have an even spread
  - Fill small hollows
  - Keeps the surface 'alive'
- Tool is a plastic or wooden trowel





## ❖ *Closing the surface*

- 2 or 3 passes with a SS trowel
- Any filling at this stage must be done with mixed material and not only paste
- Surface must be completely closed
- Consequence of not achieving this will be evident in the finish
- Special attention to angles, corners and joint edges

## ❖ *Exposing the surface*

- Loosen the surface laitance with a soft bristle brush and water
- Pay special attention to angles and edges
- Use a wet woollen roller to remove the surface laitance
- Use roller in horizontal and vertical directions; avoids streaks
- The single most important element of the application process



## ❖ ***Felt Pad – optional***

- Used after exposing with roller
- To absorb loose water
- To push back loose aggregate
- Eliminates any air pockets
- Wet the pad first and squeeze it
- Push flat to the surface of the Mineralite – whole area
- Clean the pad throughout the process



## ❖ *Final Washing*

- Acid-wash
- 24-48 hours after application
- Diluted hydrochloric acid (40%)
- 3 parts acid to 1 part clean water
- Non-metallic bucket
- Always wet the wall first
- Never apply to a dry wall
- 1m<sup>2</sup> at a time
- Allow to work for 1-2 minutes and wash with water
- Repeat the process as necessary
- **Attention to edges and angles**
- Localised washing as necessary



## ❖ *Curing*

- Essential in hot and quick drying situations
- apply a direct spray of clean water
- For 2 – 3 days
- Morning and evening





# Final Mineralite finish



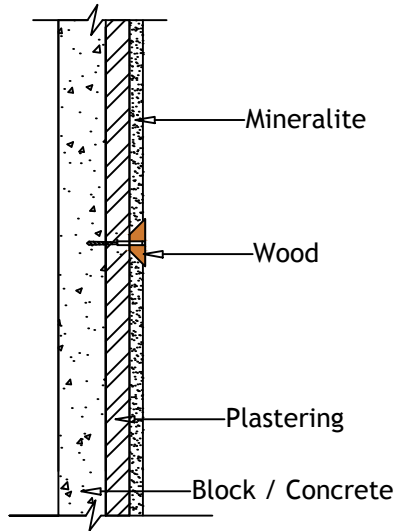


# **Mineralite Installation Procedure**

# Mineralite Installation Procedure

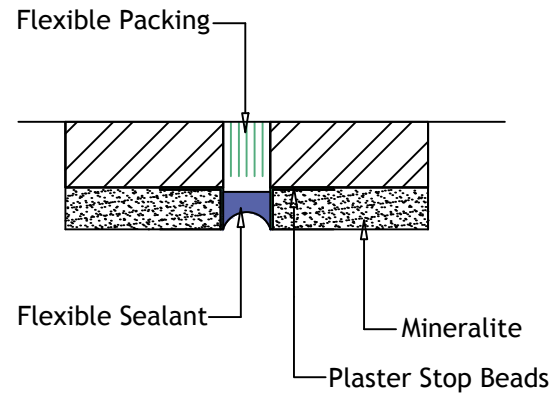
## Panel Grooves

### Using Groove top of plaster

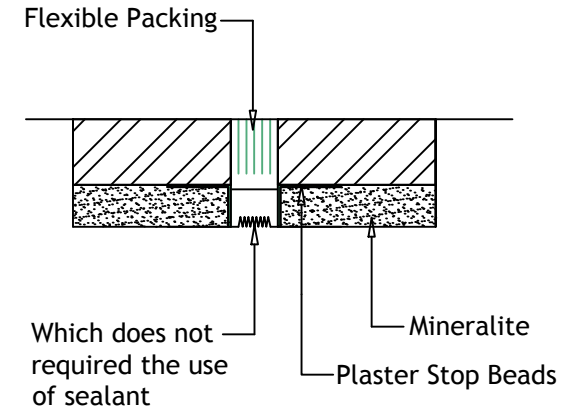


## Movement Joint

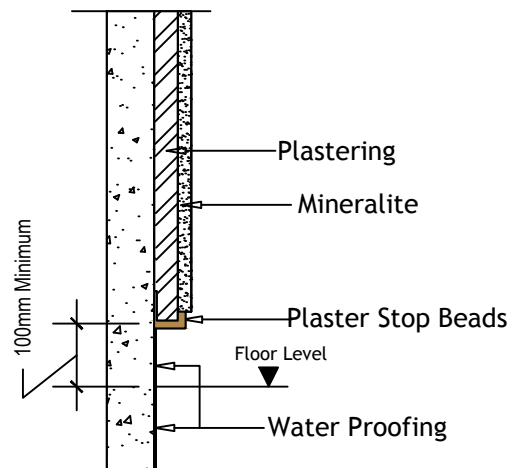
### Using Two 'back to back' stop beads



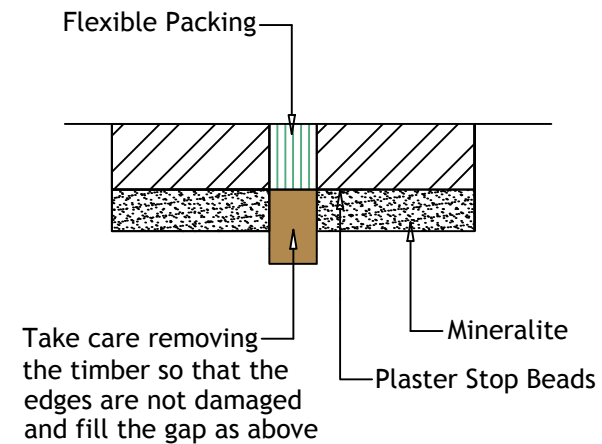
### Using a Proprietary Accessory



## Ground Details



### Using a Temporary Timber Batten



**AL-MUTAWAA**  
TRADING COMPANY L.L.C  
P. O BOX 17, MUTTRAH  
ZIP CODE 114, Tel:24170570

CLIENT :

SUBJECT :

Mineralite Installation Procedure

DRAWN : Liju Memana JOB :

REQ. : Mr. Bhaskar DATE :

APRD : SCALE :

REF NO : DRG. NO:

# Mineralite Installation Procedure

## Forming Angle

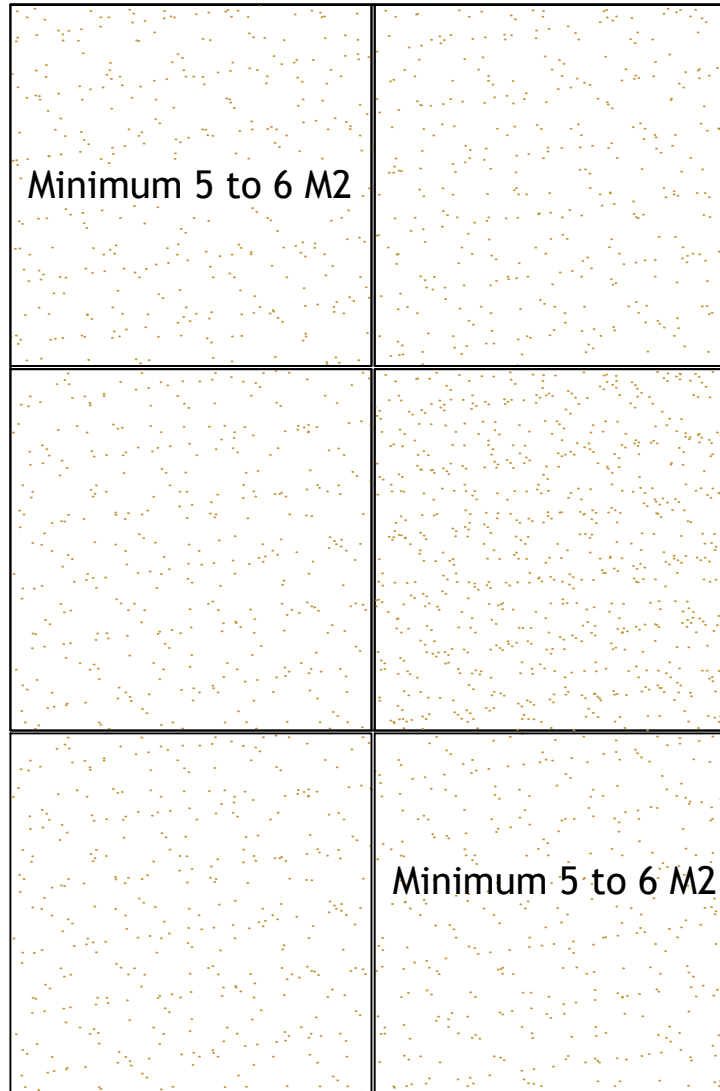


Plastic Nose Corner Bead

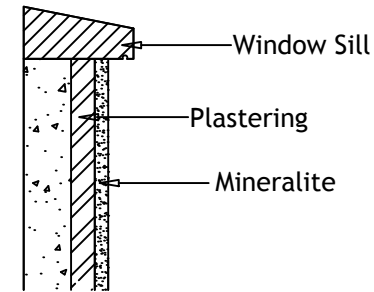


Y Section Corner Bead

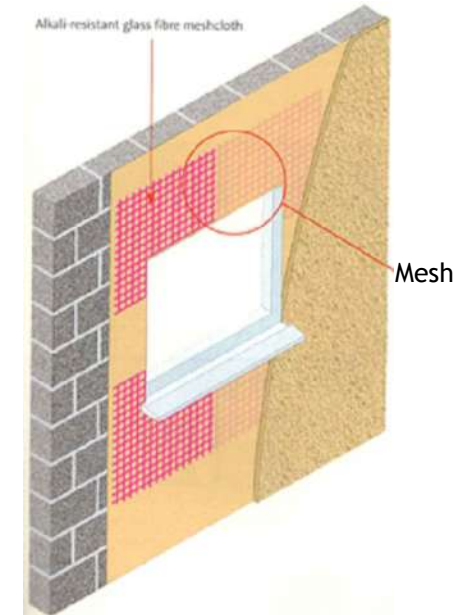
## Mineralite Panel Design



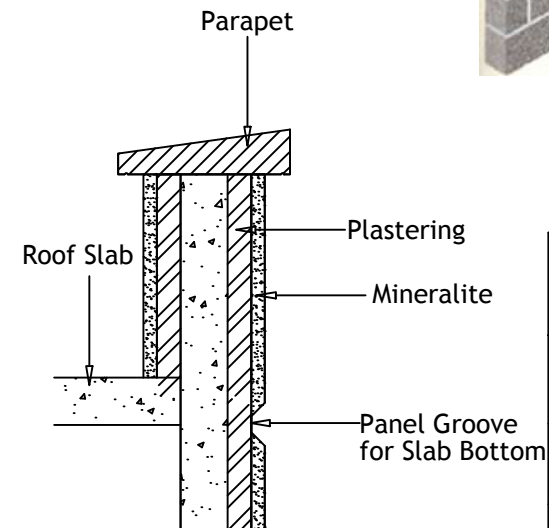
## Window Sills




## Window Area



## Parapet Wall



 <b>AL-MUTAWAA</b> TRADING COMPANY L . L . C P . O BOX 17 , MUTTRAH ZIP CODE 114 , Tel:24170570	
CLIENT :	
SUBJECT : Mineralite Installation Procedure	
DRAWN : Liju Memana	JOB :
REQ. : Mr. Bhaskar	DATE :
APRD :	SCALE :
REF NO :	DRG. NO:

# Reference Project List

# AL - MUTAWAA TRADING COMPANY L.L.C.

## MAJOR PROJECTS WITH "MINERALITE" IN OMAN

S.NO.	PROJECT NAME	LOCATION	YEAR
(A)	<b><i>AIR PORT</i></b>		
1	OMAN AVIATION H.Q. BLDG. AT SEEB	SEEB	1987
2	V.I.P. LOUNGE AT SEEB INT'L AIRPORT	SEEB	1989-90
3	ROYAL FLIGHT - ADDITIONAL BUILDING SEEB	SEEB	1997

(B)	<b><i>BANK</i></b>		
1	BANK MUSCAT BUILDING AL AHLI H.Q. BLDG	CBD AREA	1985
2	OMAN HOUSING BANK H.Q.	MUSCAT	1985
3	OMAN INTL. BANK H.Q. BLDG	AL KHUWAIR	1993
4	BANK SADERAT IRAN H.Q. BLDG.	RUWI	1994
5	BANK DHOFAR H.Q. BUILDING, CBD AREA	CBD AREA	1996
6	BANK MELLI IRANI, CBD AREA, RUWI	CBD AREA	1997
7	DEVELOPMENT BANK H.Q. AT MBD AREA	MBD-AREA, RUWI	1999
8	HOUSING DEVELOPMENT BANK- SOHAR	SOHAR	2003-04

(C)	<b><i>EMBASSY</i></b>		
1	SAUDI EMBASSY AT EMBASSY AREA	AL KHUWAIR	1990-91

S.NO.	PROJECT NAME	LOCATION	YEAR
(D)	<b><u>GOVERNMENT</u></b>		
1	DIWAN OFFICE	MUSCAT	1975
2	PALACE OFFICE AFFAIRS ALL BUILDING	SALALAH	1978-93
3	REGIONAL OFFICE FOR MUNICIPALITY	BAUSHER & SEEB	1984-85
4	MINISTRY OF COMMERCE H.Q. BLDG	MUSCAT	1984-85
5	B.B.M.E. HQ. BLDG.	MBD AREA, RUWI	1984-85
6	QABOOS PARK	QURUM	1984-85
7	WALI'S OFFICE	SALALAH	1985
8	R.O.P PENSION TRUST H.Q. BLDG	CBD AREA	1985
9	MONUMENTS	RIYAM PARK	1985
10	MONUMENTS	JIBROO	1985
11	MONUMENTS	CORNICHE	1986
12	MONUMENT AT SEEB	SEEB	1988
13	CIVIC PLAZA CLOCK TOWER AT MBD	MBD AREA, RUWI	1991-94
14	MINISTRY OF HOUSING H.Q. BLDG. AL KHUWAIR	AL KHUWAIR	1992
15	TENDER BOARD BLDG. AT AL KHUWAIR	AL KHUWAIR	1994
16	ROYAL OMAN SYMPHONY ORCHESTRA COMPLEX	SEEB	1993
17	H.M. OFFICE AT BAIT AL BARKAH	BARKAH	1997
18	WAITING HALL AT MAMURAH GARDEN	SALALAH	1998
19	SULTAN QABOOS UNIVERSITY - CULTURE CENTER COMPLEX	AL KHOUDH	2006-07
20	ROYAL OMAN SYMPHONY ORCHESTRA -BAIT AL BARKAH	BARKAH	2006
21	SOHAR PIORT & INDUSTRIAL AREA INFRASTRUCATURE H.Q.	SOHAR	2007



S.NO.	PROJECT NAME	LOCATION	YEAR
<b>(E)</b>	<b><i>HOTEL</i></b>		
1	AL BUSTAN PALACE HOTEL	MUSCAT	1985
2	NIZWA HOTEL	NIZWA	1994
3	HOTEL AT JEBAL AKHTAR	JEBAL AKHTAR	1998
4	RADISSON HOTEL - AL KHUWAIR	AL KHUWAIR	1998
5	NIZWA HOTEL EXTENSION	NIZWA	2000
<b>(F)</b>	<b><i>MOSQUE</i></b>		
1	MOSQUE AT SUR FOR BAHWAN	SUR	1985
2	MOSQUE AT AL HAJIR FOR COL. SAID SALAM	AL HAJIR	1985-86
3	MOSQUE AT RESTRICTED AREA	QURUM	1991
4	MOSQUE AT SHATI AL QURUM FOR AL ARAIMI	QURUM	1993
5	MOSQUE AT AL KHOUDH	AL KHOUDH	1996
6	MASJID AL KABIR AT SOUQ AL LAWATIYA, MUTTRAH	MUTTRAH	1997
<b>(G)</b>	<b><i>PALACE</i></b>		
1	BABIL CABIR GATE AT H.M.'S PALACE	MUSCAT	1976
2	VILLAS AT MAMURAH GARDEN	SALALAH	1976-94
3	BARKA PALACE, VILLAS & EXTENSION	BARKAH	1978-92
4	AL RUBAT PALACE	SALALAH	1980
5	BARKA PALACE, H.M. SULTAN QABOOS OFFICE	BARKAH	1992
6	BARKA PALACE AUDITORIUM	BARKAH	1992
7	BAIT AL BARKAH CLINIC - DGPM	BARKAH	1996
8	RENOVATIONS AT MAMOORAH GARDEN/ROBOT PALACE	SALALAH	1996
9	MAJLIS AT B.A.B. PALACE		2000
10	ROYAL ESTATE PALACE	SALALAH	2001
11	NEW VILLA NO. 2 & ASSOCIATED BUILDINGS	SALALAH	2008
12	CARE TAKER OFFICE & MAJLIS BAIT AL MAMURAH SALALAH	SALALAH	2008
13	PHYSIOTHERAPY CLINIC BAIT AL MAMURAH SALALH	SALALAH	2008

S.NO.	PROJECT NAME	LOCATION	YEAR
<b>(H)</b>	<b><i>PRIVATE</i></b>		
1	HATAT HOUSE	WATTAYAH	1984-85
2	HAMDAN BUILDING	SALALAH	1985
3	VARIOUS COML./RES. BLDG	CBD AREA	1986
4	RESTAURANT AND SWIMMING POOL	WATTAYAH	1985
5	BENZ SHOWROOM/ZAWAWI TRADING COMPLEX	QURUM	1985
6	COML./RES. BLDG.	AL KHUWAIR	1985
7	AL ARAIMI COML. COMPLEX QURUM	QURUM	1994
8	COML. COMPLEX AT GHALA FOR TARGET	GHALA	1993-94
9	SAROOJ TOWERS AT AL KHUWAIR	AL KHUWAIR	1995
10	COML. COMPLEX AT CBD FOR H.E. SAID SAIF SULAIMAN AL BUSAIDY	CBD AREA	1996
11	COM. COMPLEX AT AL KHUWAIR FOR H.E. GHAZALI	AL KHUWAIR	1997
12	P.D.O. HQ. BLDG.	MINA AL FAHAL	1998
13	ONIC H.Q. BLDG. AT QURUM	QURUM	1998
14	BOUNTRY WALL AT R.G.O. SEEB	SEEB	1998
15	SAUD BAHWAN RESIDENCES 1 & 2	AL KHUWAIR	2002-03
16	COMMERCIAL AND RESIDENTIAL COMPLEX	AZAIBA	2005
17	OMAN UNITED INSURANCE BUILDING	AL KHUWAIR	2005-06
18	SAUD BAHWAN RESIDENCY 3 & 4 - AL KHUWAIR	AL KHUWAIR	2006-07
19	SUHAIL BAHWAN COMMERCIAL AND RESIDENTIAL BUILDING - AL KHUWAIR	AL KHUWAIR	2007
20	PDO ARCHIVE BUILDING	MINA AL FAHAL	2007-08
21	COMMERCIAL AND RESIDENTIAL BUILDING	GHALA	2008
22	SHELL HQ. MINA AL FAHAL	MINA AL FAHAL	2008
23	PROPOSED HQ. BUILDING P.D.O. MINA AL FAHAL	MINA AL FAHAL	2009-2010

S.NO.	PROJECT NAME	LOCATION	YEAR
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**(I) SPORTS**

1	NIZWA STADIUM	NIZWA	1994
2	SUR STADIUM	SUR	1996
3	NEW PARADE GROUND - SHAFI	SHAFI	2006

**(J) VILLAS**

1	PRIVATE VILLAS FOR CO. SAID SALAM	MUSCAT	1983
2	H.E. ALI MAJEED VILLA AT REST, REAS & EXTENSIONS	MUSCAT	1983-93
3	VILLAS FOR ALI MALALAH	QURUM	1984-85
4	H.E. BAKHEET SHANFARI VILLA	QURUM	1985
5	VILLA FOR H.E. AL NABRI AT SHATI AL QURUM	SHATI AL QURUM	1990
6	VILLA AT M. QABOOS FOR ASSARAIN ENT CHAIRMAN	AL KHUWAIIR	1992-94
7	VILLA FOR AL MUGARI AT SHATI AL QURUM	QURUM	1990
8	4 VILLAS AT SHATI AL QURUM FOR KHIMJI RAMDAS	QURUM	1992
9	H.E.I.G. VILLA AT SHATI AL QURUM	QURUM	1992-93
10	COL. IBRAHIM VILLA AT SHATI LA QURUM	QURUM	1993
11	COL. SALIM VILLA AT SHATI AL QURUM	QURUM	1992
12	MOHAMMED BAHWAN VILLA AT QURUM	QURUM	1994
13	VILLA FOR H.E. BADER BIN SAUD BIN HAREB	QURUM	1994
14	VILLA FOR HE. MAQBOOL ALI SULTAN	QURUM	1994
15	VILLA FOR MURTADA ALI SULTAN	QURUM	1994
16	VILLA FOR CHAIRMAN OF GALFAR ENGG.	MUSCAT	1992-93
17	PRIVATE VILLAS (6 NOS) AT SICO HILL FOR TARGET LLC	MUSCAT	1991-92
18	VILLA FOR H.E. NASSER AT SHAT AL QURUM	QURUM	1993
19	VILLA FOR H.E. HAMEED MANA AT AL KHOUDH	AL KHOUDH	1993
20	VILLA FOR MR. NASSER SULAIMAN AT AL KHOUDH	AL KHOUDH	1993

S.NO.	PROJECT NAME	LOCATION	YEAR
21	VILLA FOR MR. ALI MIRZA (CHAIRMAN CIVILCO)	MUSCAT	1993
22	H.E. DR. KHADURI VILLA	MUSCAT	1994-95
23	H.E. MASHAANI VILLA	MUSCAT	1995
24	H.E. RAWAHI VILLA AT AZAIBA	AZAIBA	1995
25	VILLA FOR AL ARAIMI AT AZAIBA	AZAIBA	1994-95
26	TWIN VILLAS FOR MR. ABD, ALAM MUSHTAHIL	QURUM	1996
27	FIVE VILLAS FOR H.E. RAJAE (QURUM)	QURUM	1996
28	VILLA FOR HALOOTH MASHAANI - SALALAH	SALALAH	1996
29	QATABI VILLA AT MADINAT ALAM	MUSCAT	1996
30	H.E. RASHID KALBANI VILLA AT RESTRICTED AREA	MUSCAT	1996
31	V.V.IP VILLA AT MADINAT AL ILAM	MUSCAT	1997
32	MADAM ZAKIYA VILLA AT QURUM	QURUM	1997
33	PRIVATE VILLA FOR MR. JAWAD HASSAN ALI ATG QURUM	QURUM	1998
34	VILLA AT AL KHOUD FOR AL BATINA ENT.	MUSCAT	1999
35	PRIVATE VILLA AT M' ALAM FOR H.E. SULTAN SAMMAR	M' ALAM	2000
36	PRIVATE VILLA AZAIBA FOR MR. ABDULLA	AZAIBA	2000
37	PRIVATE VILLA FOR MR. SULIEMAN SIYABI AT BARKAH	BARKAH	2000
38	AL ARAIMI VILLAS- AZAIBA - 2005	AZAIBA	2005
39	VILLA 5 & 6 BAIT AL BARKAH	BARKAH	2008
40	SHAIKH SULAIMAN VILLA AT AL KHOUDH	AL KHOUDH	2009

SR. NO	PROJECT NAME	LOCATION	YEAR
<b>CURRENT PROJECTS</b>			
1	MINISTRY OF TOURISM	AL KHUWAIR	2010/2011
2	MUSCAT COURT	MUSCAT	2011
3	RGO CAMP BAIT AL BERKAH	MUSCAT	2010/2011
4	OMAN HOUSING BANK - NIZWA	NIZWA	2011
5	APPIEL COURT	RUSTAQ	2012
6	NIZWA COURT	NIZWA	2012
7	DUQM BEACH HOTEL	DUQM	2012
8	RGO SEEB	SEEB	2011/2012
9	MUSCAT INTERNATIONAL AIRPORT MC1	MUSCAT	2012
10	MUSCAT INTERNATIONAL AIRPORT MC3	MUSCAT	2012
11	MUSCAT INTERNATIONAL AIRPORT MC4A	MUSCAT	2012
12	OMAN HOUSING BANK - RUSTAQ	RUSTAQ	2012
13	BAIT AL MAMURA FASE 3	SALALAH	2012
14	ROYAL FLIGHT	MUSCAT	2012
15	SALALAH INTERNATIONAL AIRPORT- MC5	SALALAH	2012/2015
16	MUSCAT INTERNATIONAL AIRPORT - MC12	MUSCAT	2014/2015
17	ROP BUILDING – SALALAH INTL AIRPORT	SALALAH	2014
18	MINISTRY OF COMMERCE EXTN	SBD	2014/2015
19	RGO MUSIC COMPLEX	SEEB	2015
20	BERKA VILLA	BERKA	2015
21	MABELLA MOSQUE	MABELLA	2015
22	MINISTRY OF TRANSPORT AND CIVIL AVIATION HEAD QUARTER BUILDING		
23	SALALAH INTERNATIONAL AIRPORT – MC5		

# Project Photos

**Al-Mutawaa**  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.



**Al-Mutawaa**  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.





**Al-Mutawaa**  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.



***Al-Mutawaa***  
Trading Company L.L.C.



شركة  
المطوع للتجارة  
ش.م.م.



***Al-Mutawaa***  
Trading Company L.L.C.



شركة  
المطـوع للتجارة  
ش.م.م.



# Mineralite Colour Chart



**mineralite** colour range



122402



961181



161206



122400



162403



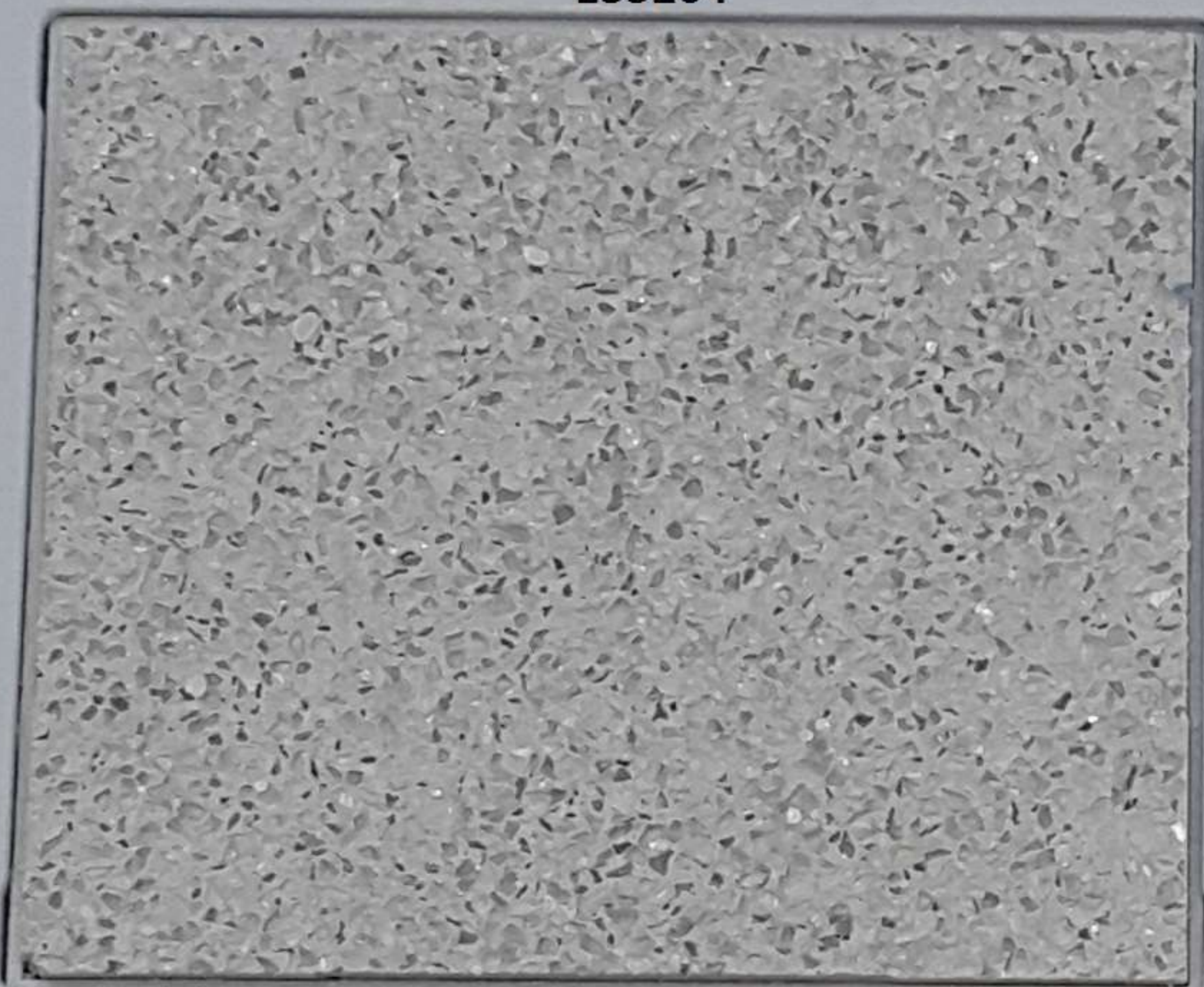
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135204



962499



962477



961399



M7



961388



165205



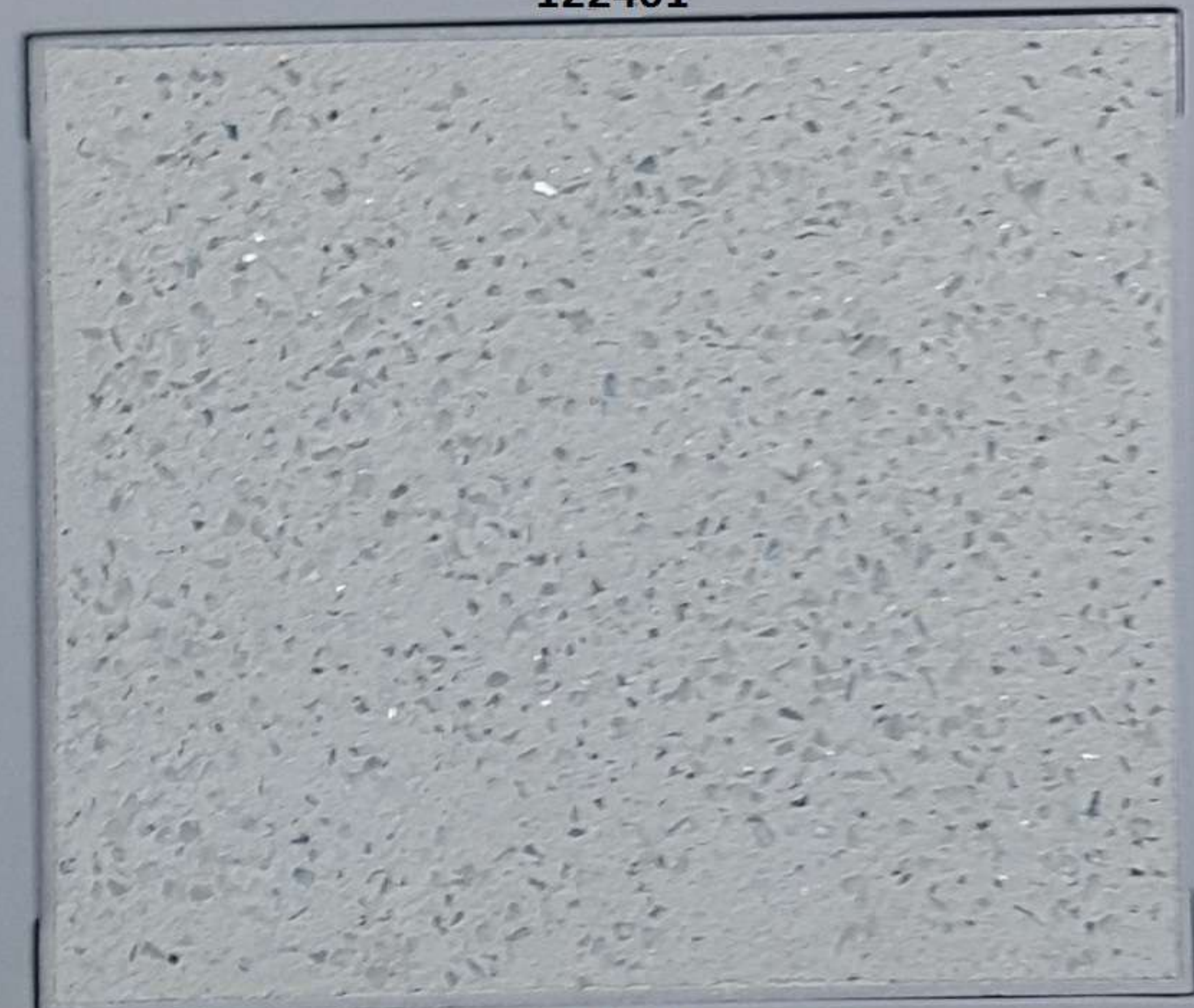
161003



122401



961366



96246



961014





**Al-Mutawaa**  
Trading Company L.L.C.



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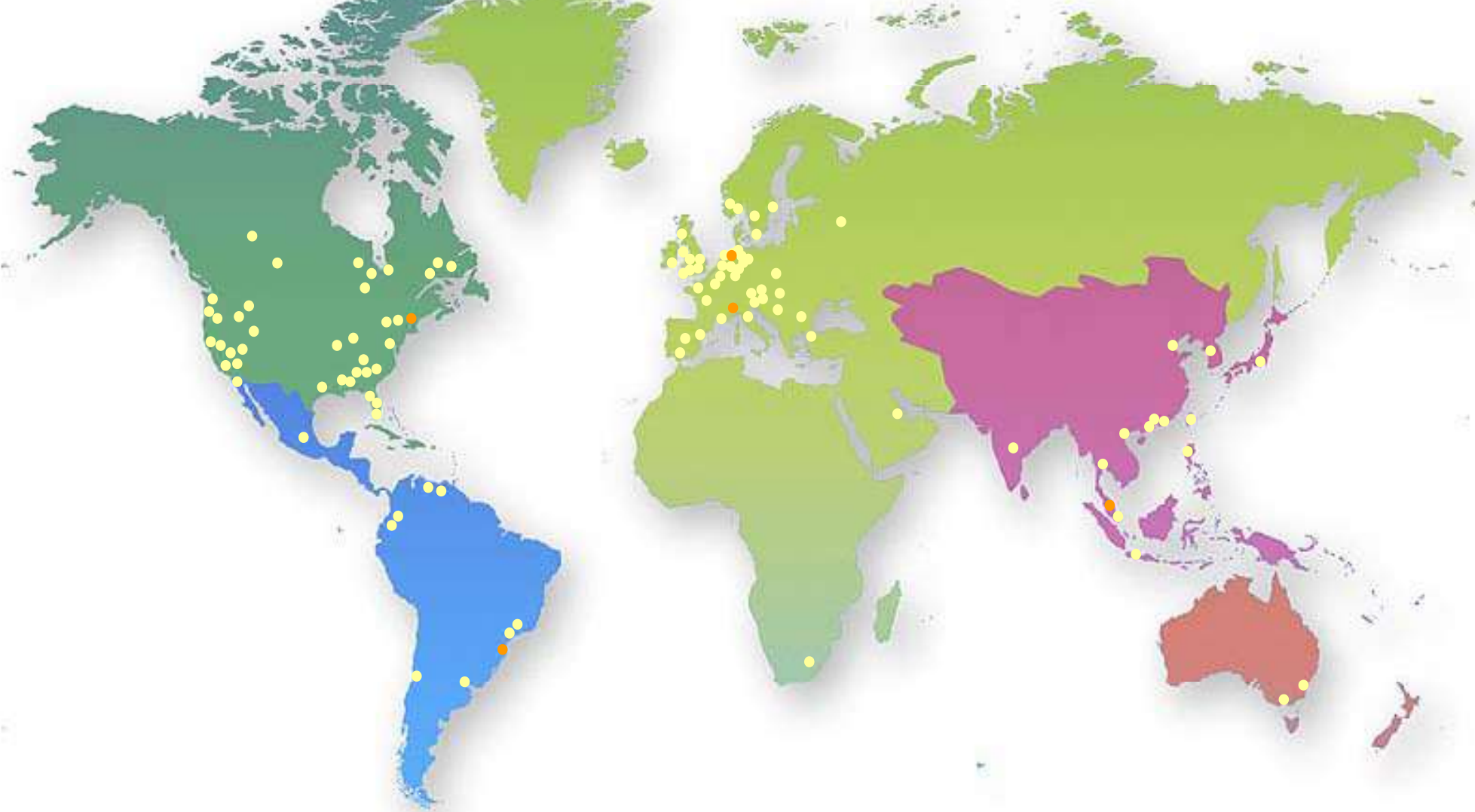


Hunter Douglas

*Manufacturer :*  
**Netherlands**

# Introduction HD Worldwide

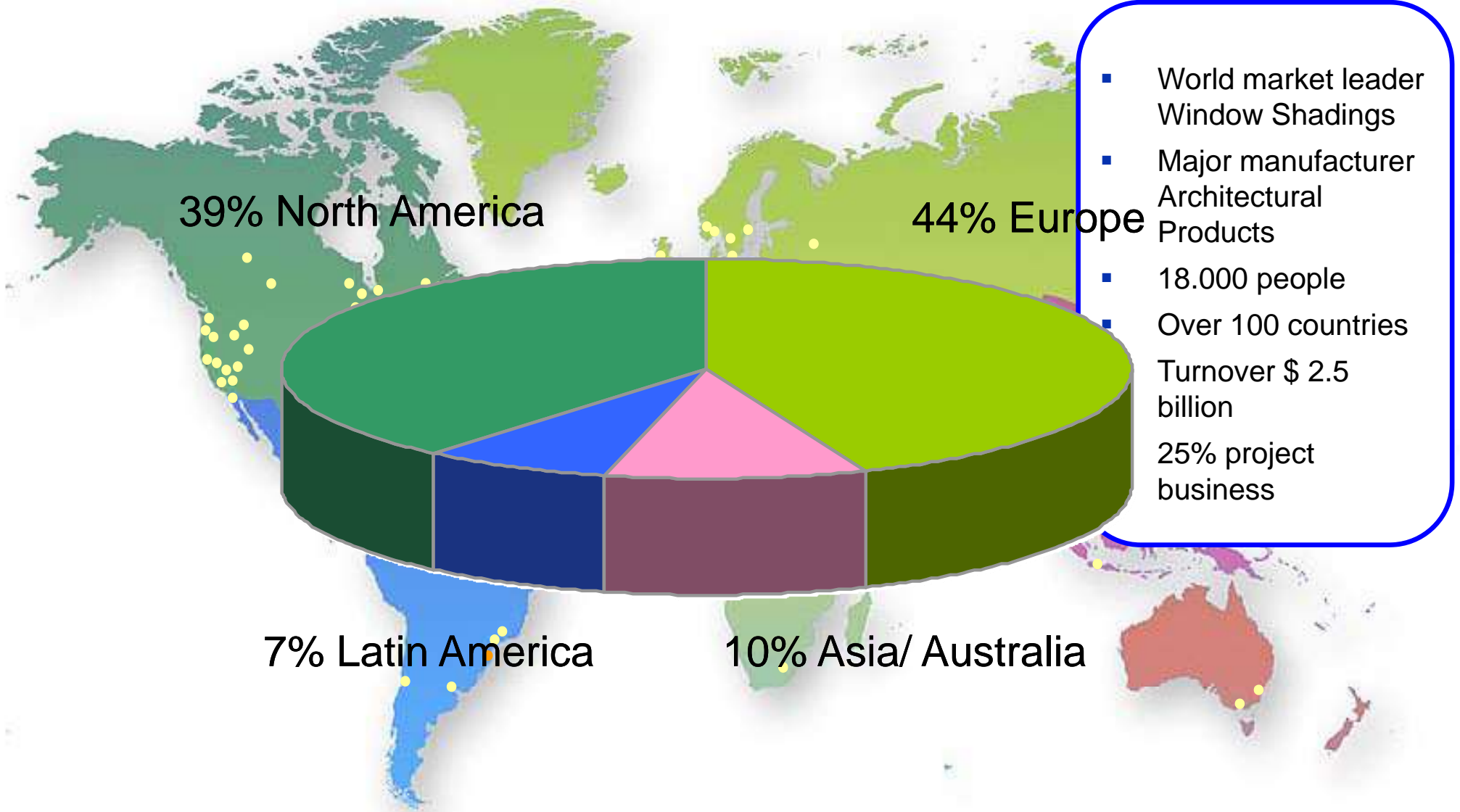
■ North America | Latin America | Europe/Middle East/Africa | Asia | Australia



**HunterDouglas**

WINDOW COVERINGS | CEILINGS | SUN CONTROL | FAÇADES

# Introduction HD Worldwide



**HunterDouglas**



SILHOUETTE



DUETTE



TURNILS



LUXALON



HunterDouglas



3form



Nedal



HunterDouglas

WINDOW COVERINGS | CEILINGS | SUN CONTROL | FAÇADES



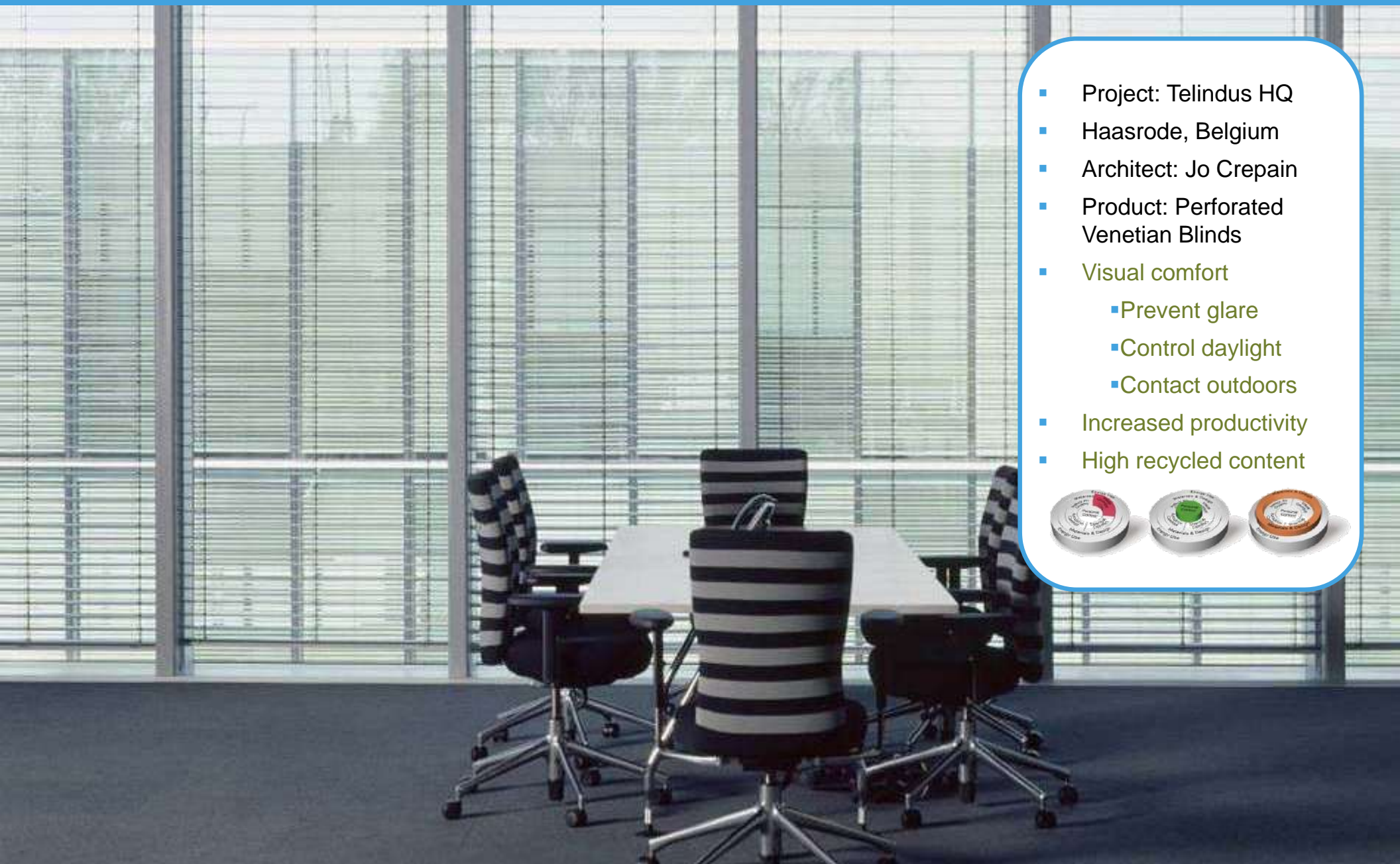
- Local Sales support units
- Local Product Advisors
- Local Technical support
- Local market knowledge

**HunterDouglas®**

**Window**

**Coverings**

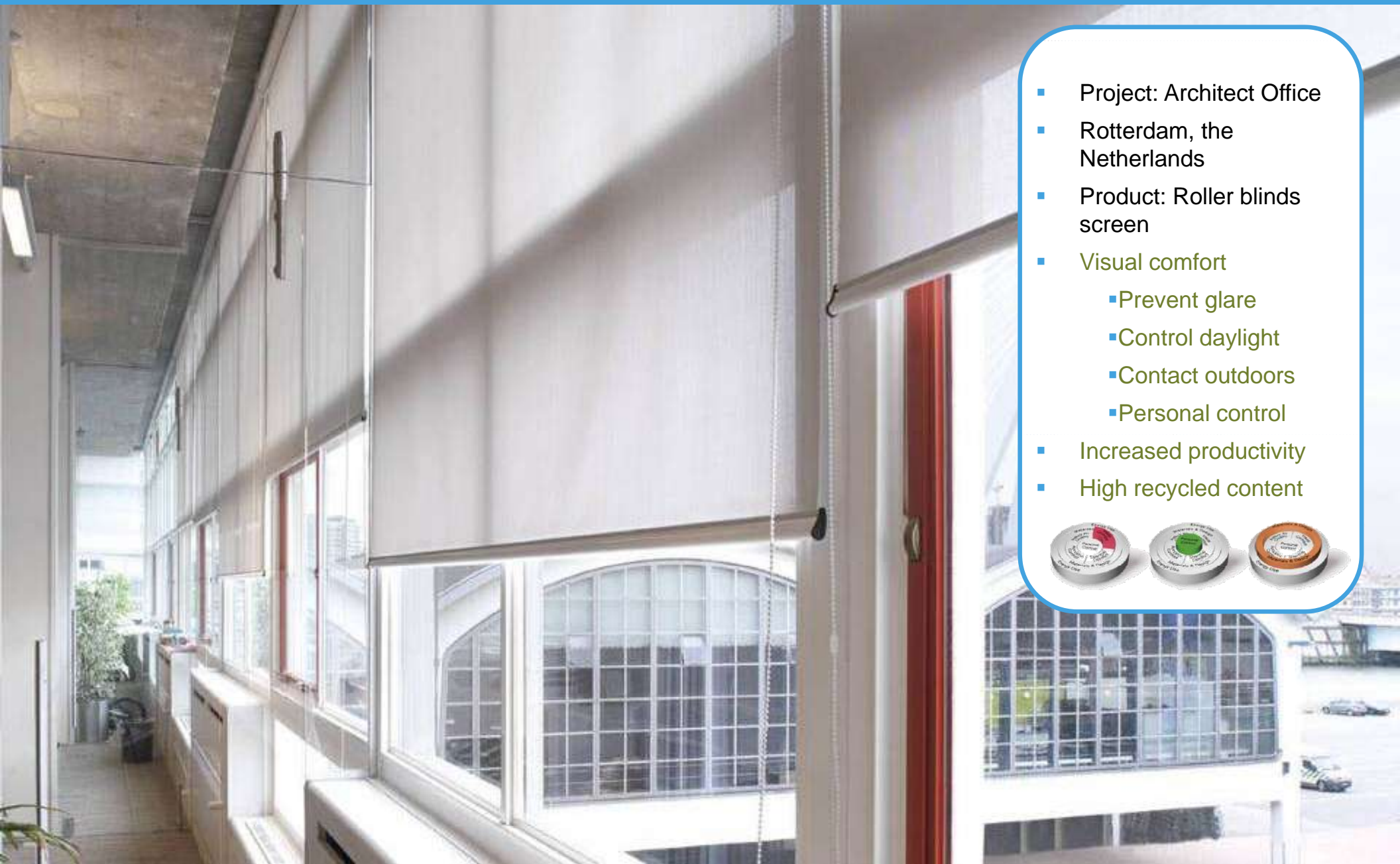
**SOLUTIONS**



- Project: Telindus HQ
- Haasrode, Belgium
- Architect: Jo Crepain
- Product: Perforated Venetian Blinds
- Visual comfort
  - Prevent glare
  - Control daylight
  - Contact outdoors
- Increased productivity
- High recycled content







- Project: Architect Office
- Rotterdam, the Netherlands
- Product: Roller blinds screen
- Visual comfort
  - Prevent glare
  - Control daylight
  - Contact outdoors
  - Personal control
- Increased productivity
- High recycled content



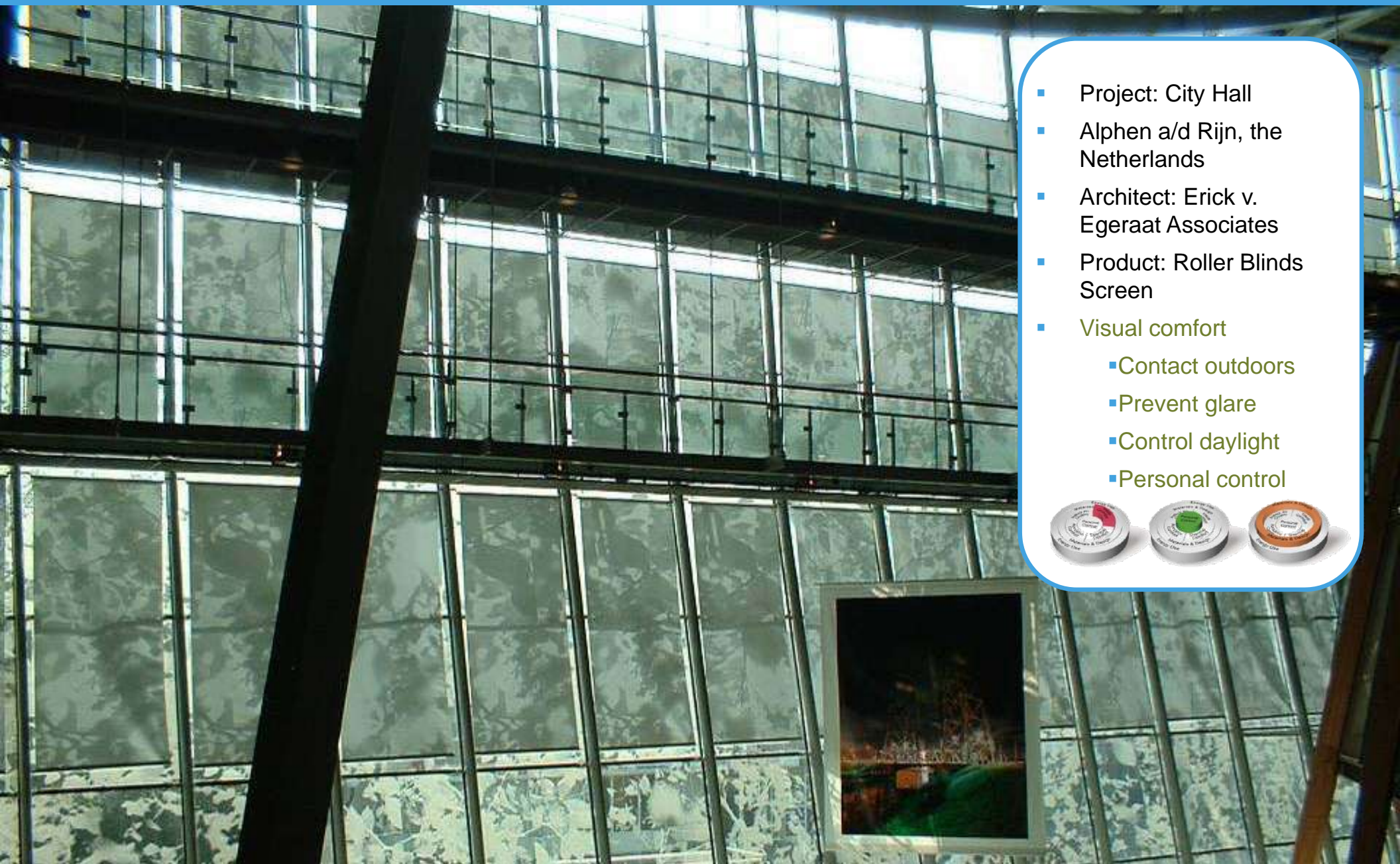
- Project: Inbev
- Leuven, Belgium
- Architect: Poponcini & Lootens
- Product: External Roller Screens
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight





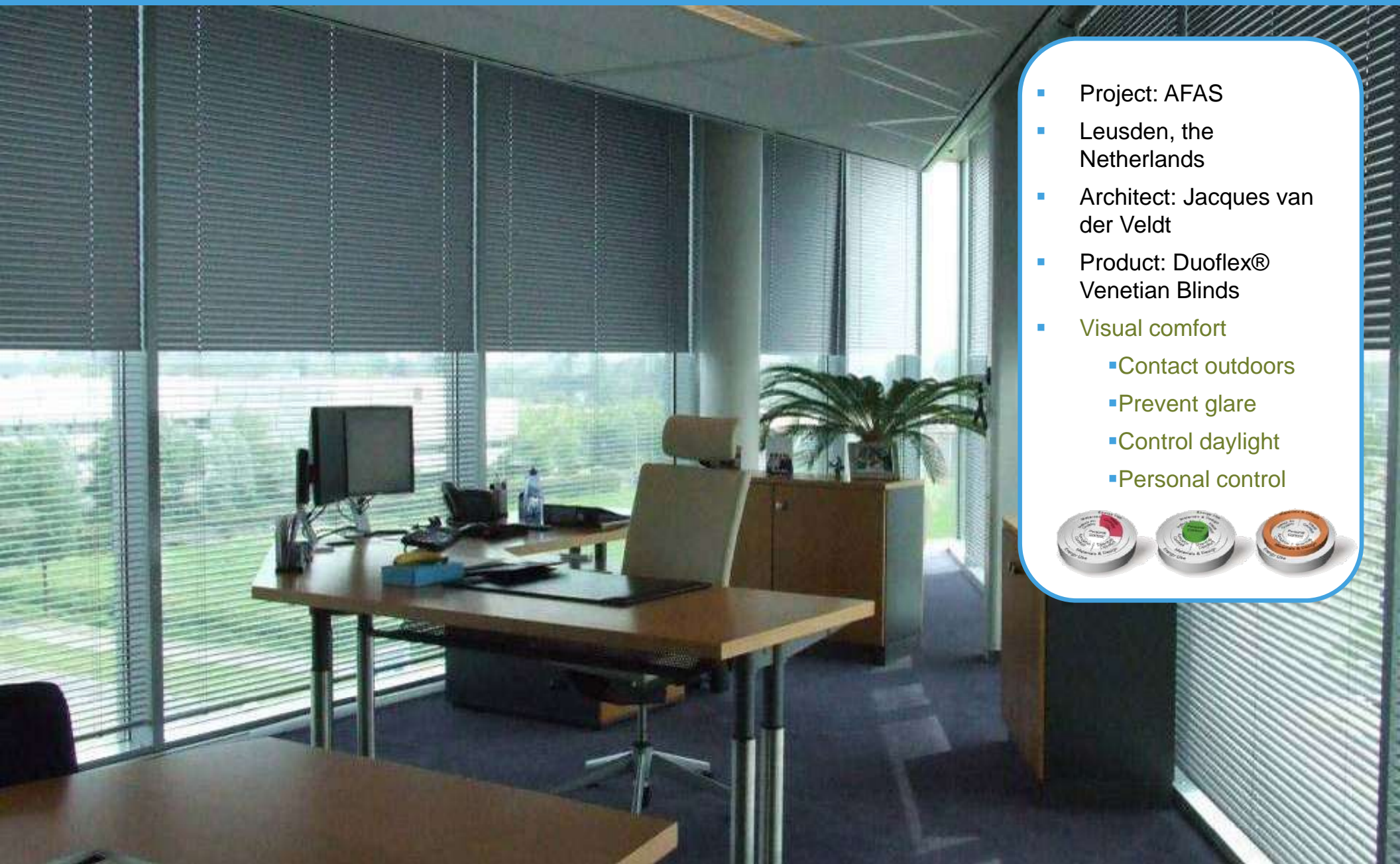
- Project: Inbev
- Leuven, Belgium
- Architect: Pononcini & Lootens
- Product: External Roller Screens
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight





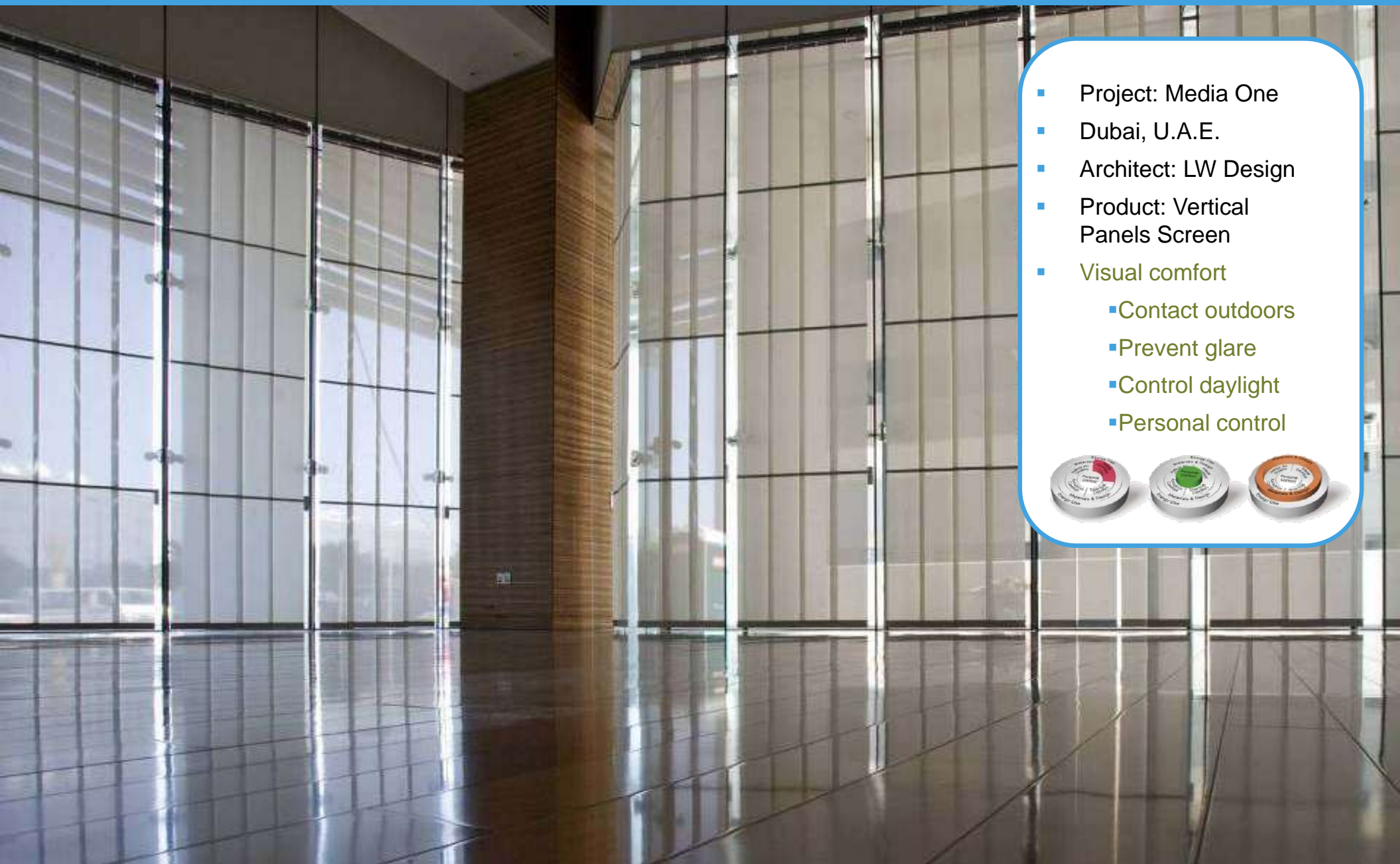
- Project: City Hall
- Alphen a/d Rijn, the Netherlands
- Architect: Erick v. Egeraat Associates
- Product: Roller Blinds Screen
- Visual comfort
  - Contact outdoors
  - Prevent glare
  - Control daylight
  - Personal control





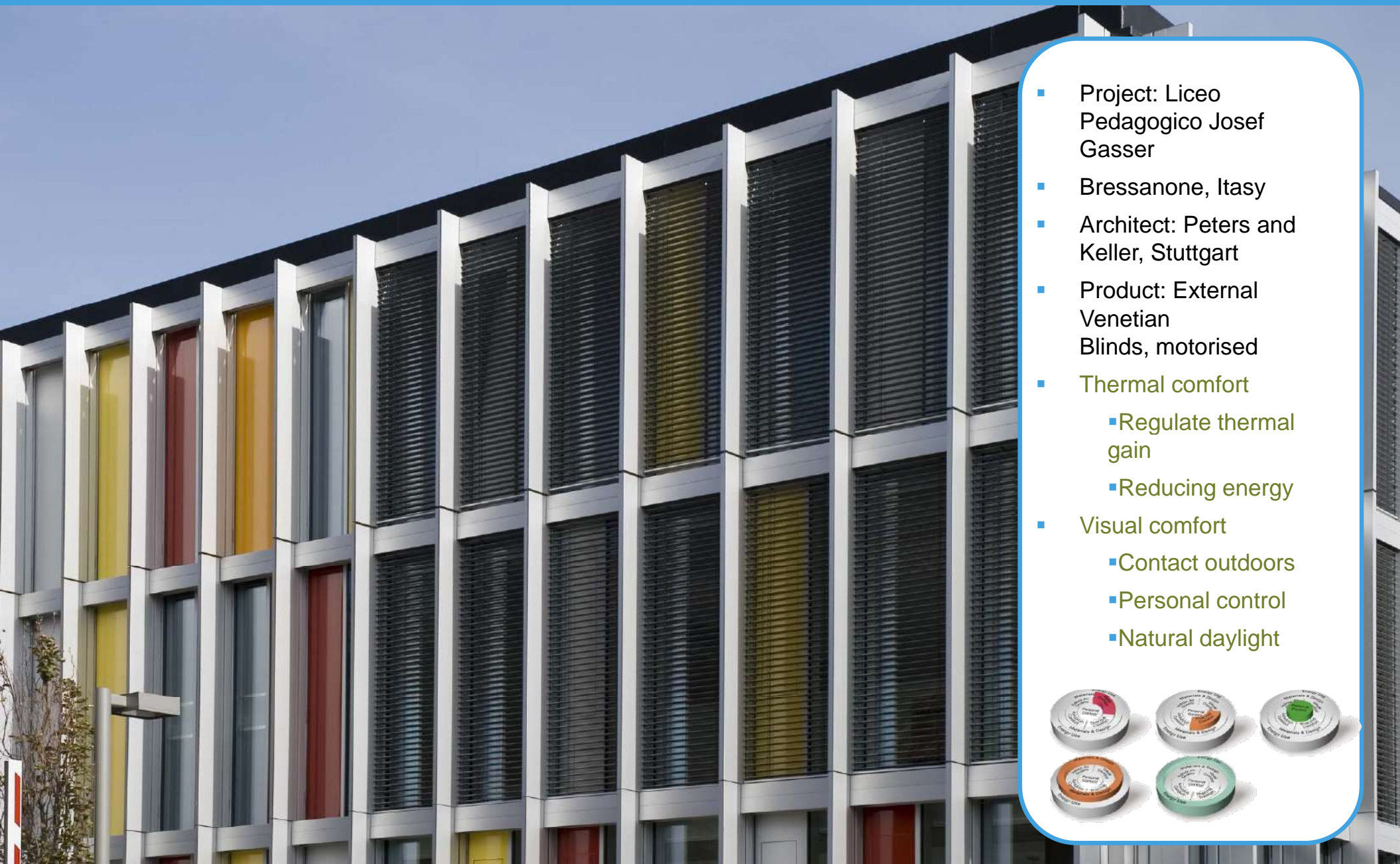
- Project: AFAS
- Leusden, the Netherlands
- Architect: Jacques van der Veldt
- Product: Duoflex® Venetian Blinds
- Visual comfort
  - Contact outdoors
  - Prevent glare
  - Control daylight
  - Personal control





- Project: Media One
- Dubai, U.A.E.
- Architect: LW Design
- Product: Vertical Panels Screen
- Visual comfort
  - Contact outdoors
  - Prevent glare
  - Control daylight
  - Personal control





- Project: Liceo Pedagogico Josef Gasser
- Bressanone, Italy
- Architect: Peters and Keller, Stuttgart
- Product: External Venetian Blinds, motorised
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight





- Project: World Trade Center
- Amsterdam, the Netherlands
- Architect: Kohn Pederson Fox Associates
- Product: External Venetian Blinds, motorised
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight







- Project: Intercontinental Hotel
- Abu Dhabi, U.A.E.
- Architect: LW Design
- Product: External Roller Blinds, Enduris™ Screen, motorised
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight





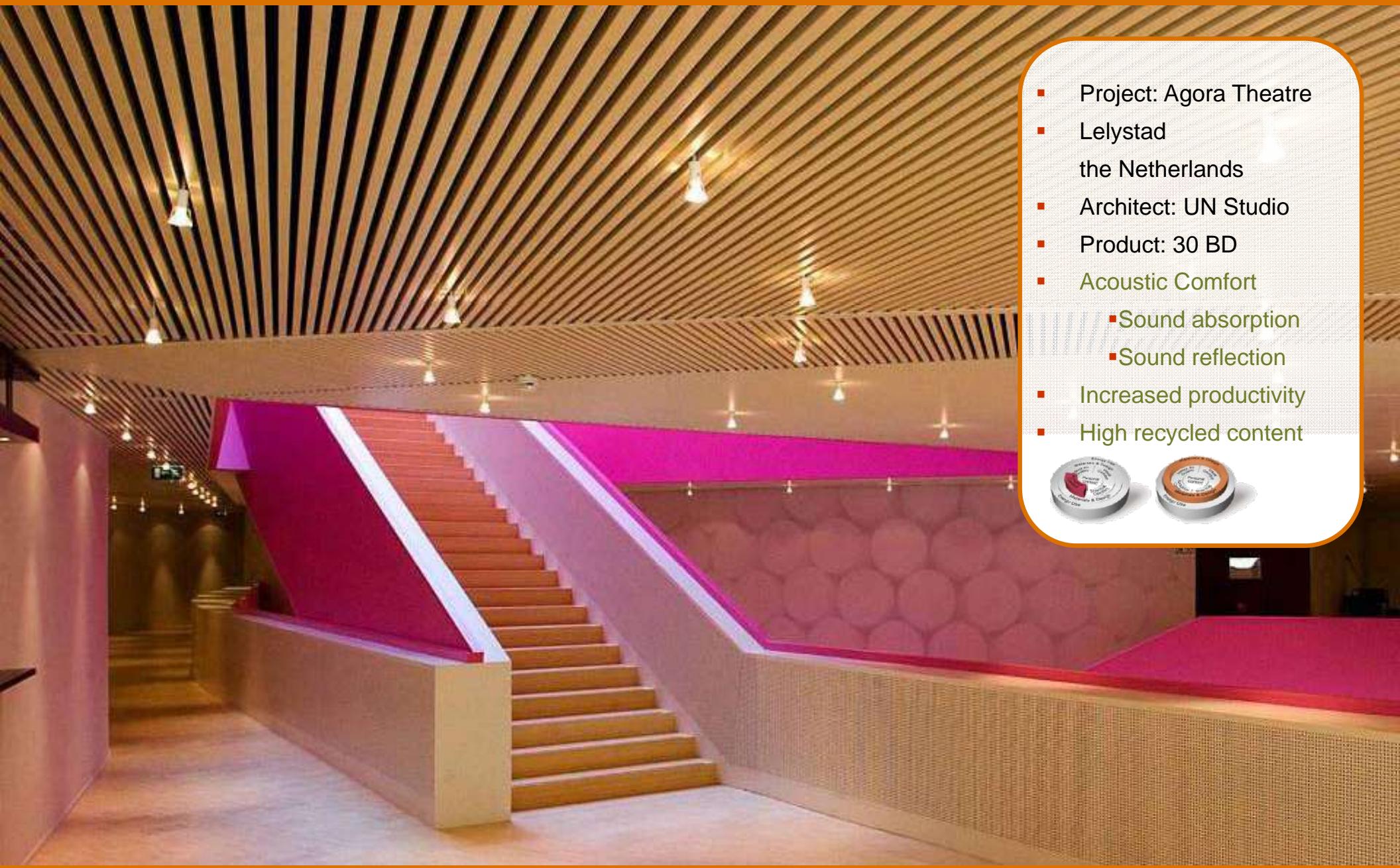
- Project: Alley 24
- Seattle, USA
- Architect: NBBJ
- Product: External Venetian Blinds, motorised
- Thermal comfort
  - Regulate thermal gain
  - Reducing energy
- Visual comfort
  - Contact outdoors
  - Personal control
  - Natural daylight



**HunterDouglas®**

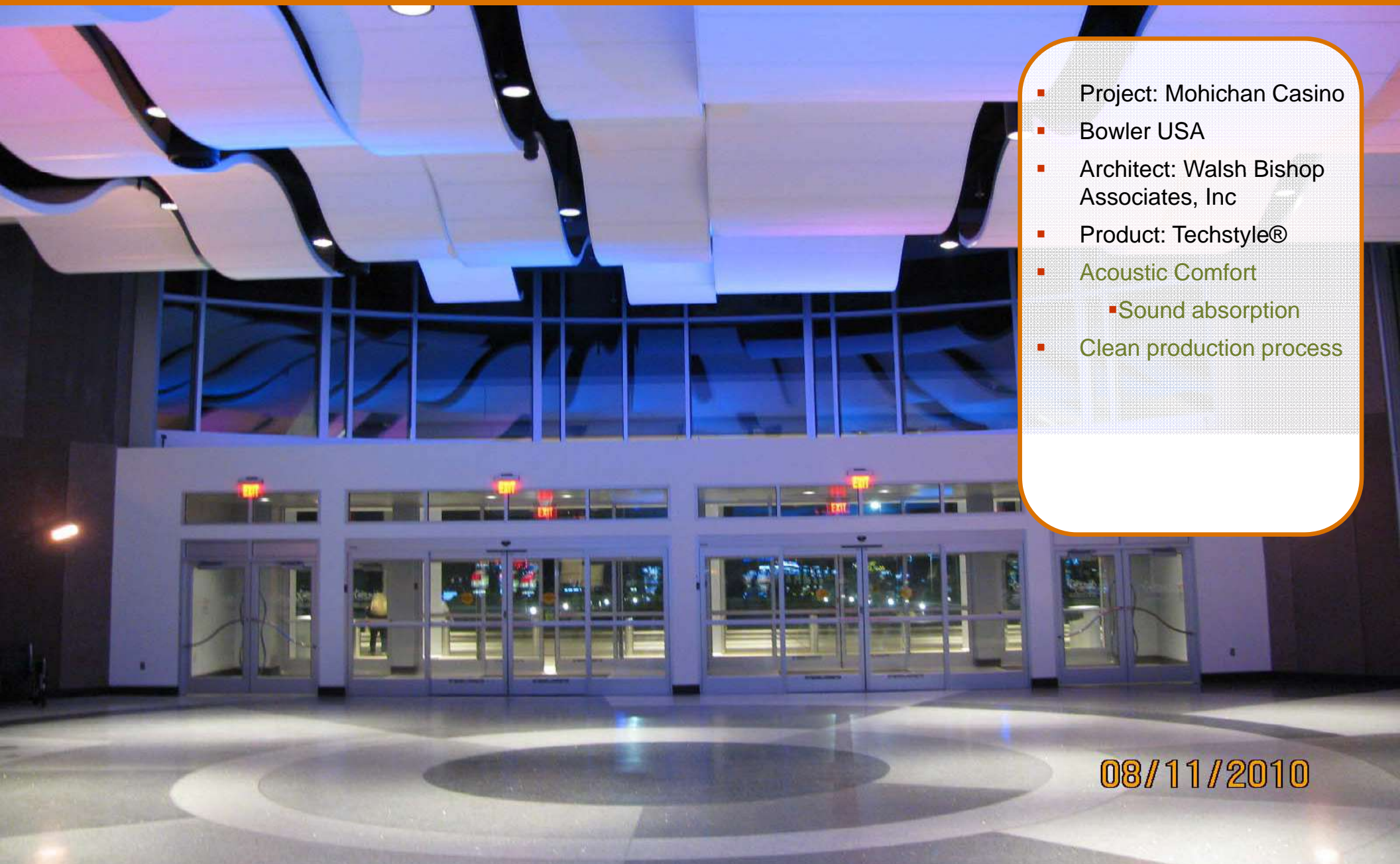
**Ceilings**

**SOLUTIONS**



- Project: Agora Theatre
- Lelystad  
the Netherlands
- Architect: UN Studio
- Product: 30 BD
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content





- Project: Mohican Casino
- Bowler USA
- Architect: Walsh Bishop Associates, Inc
- Product: Techstyle®
- Acoustic Comfort
  - Sound absorption
- Clean production process

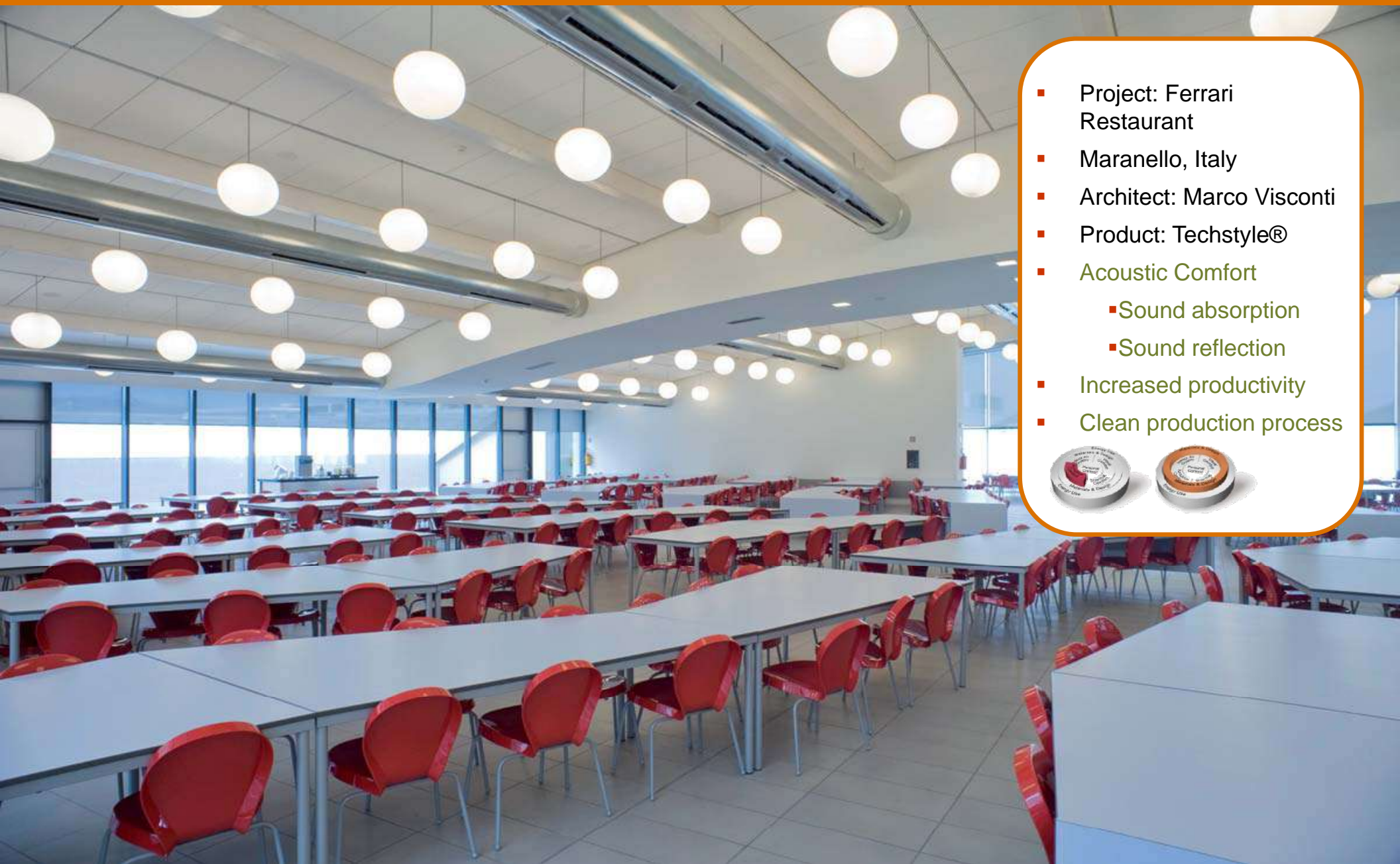
08/11/2010



08/11/2010

- Project: Ferrari Restaurant
- Maranello, Italy
- Architect: Marco Visconti
- Product: Exterior 30BD - 80B Luxacote®
- Thermal Comfort
  - Interior temperature
- Lower costs on heating and cooling
- High recycled content





- Project: Ferrari Restaurant
- Maranello, Italy
- Architect: Marco Visconti
- Product: Techstyle®
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process



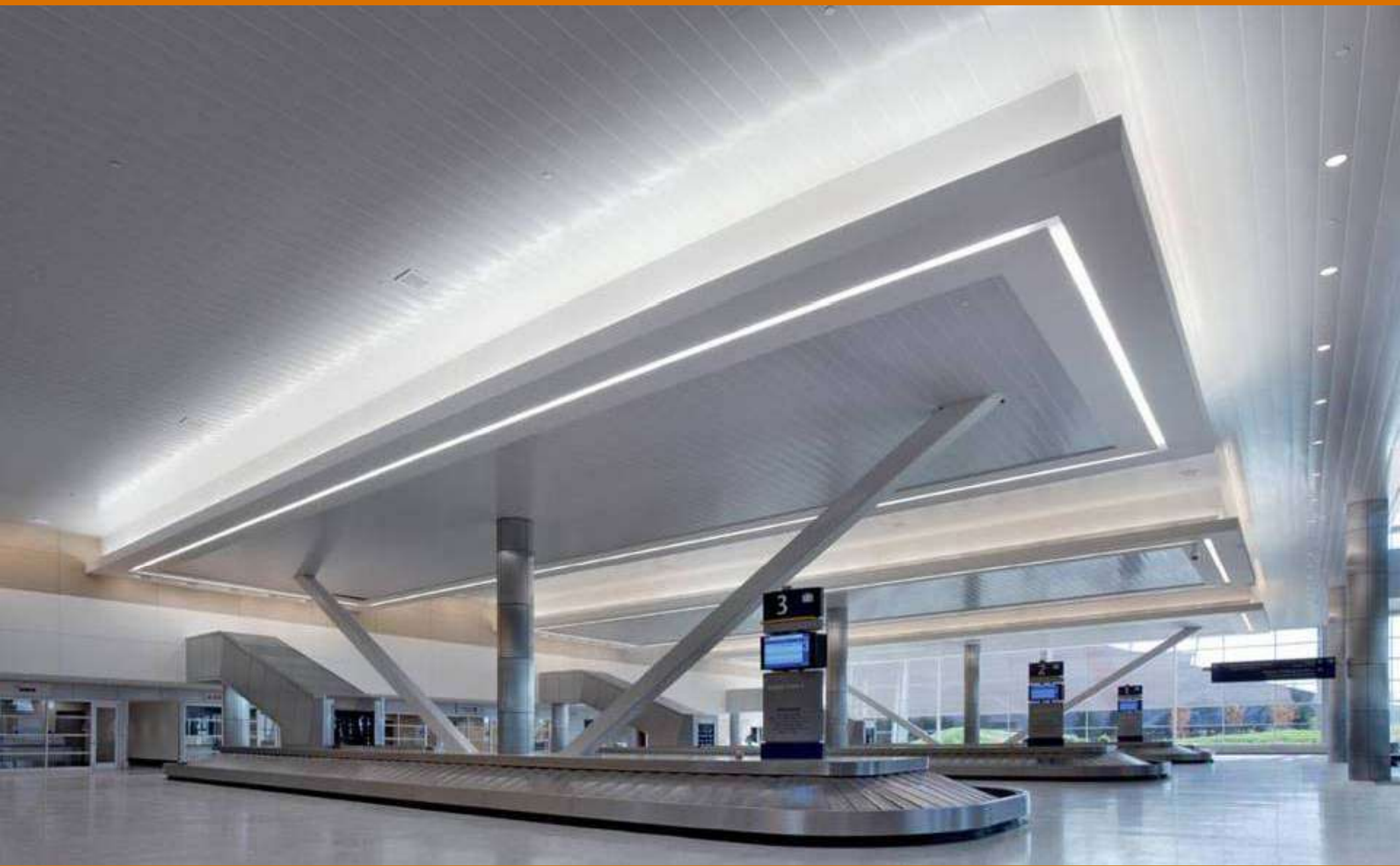






- Project: US Airport
- USA
- Architect:
- Product: Wide Panel 300C
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content





**HunterDouglas**

CEILING



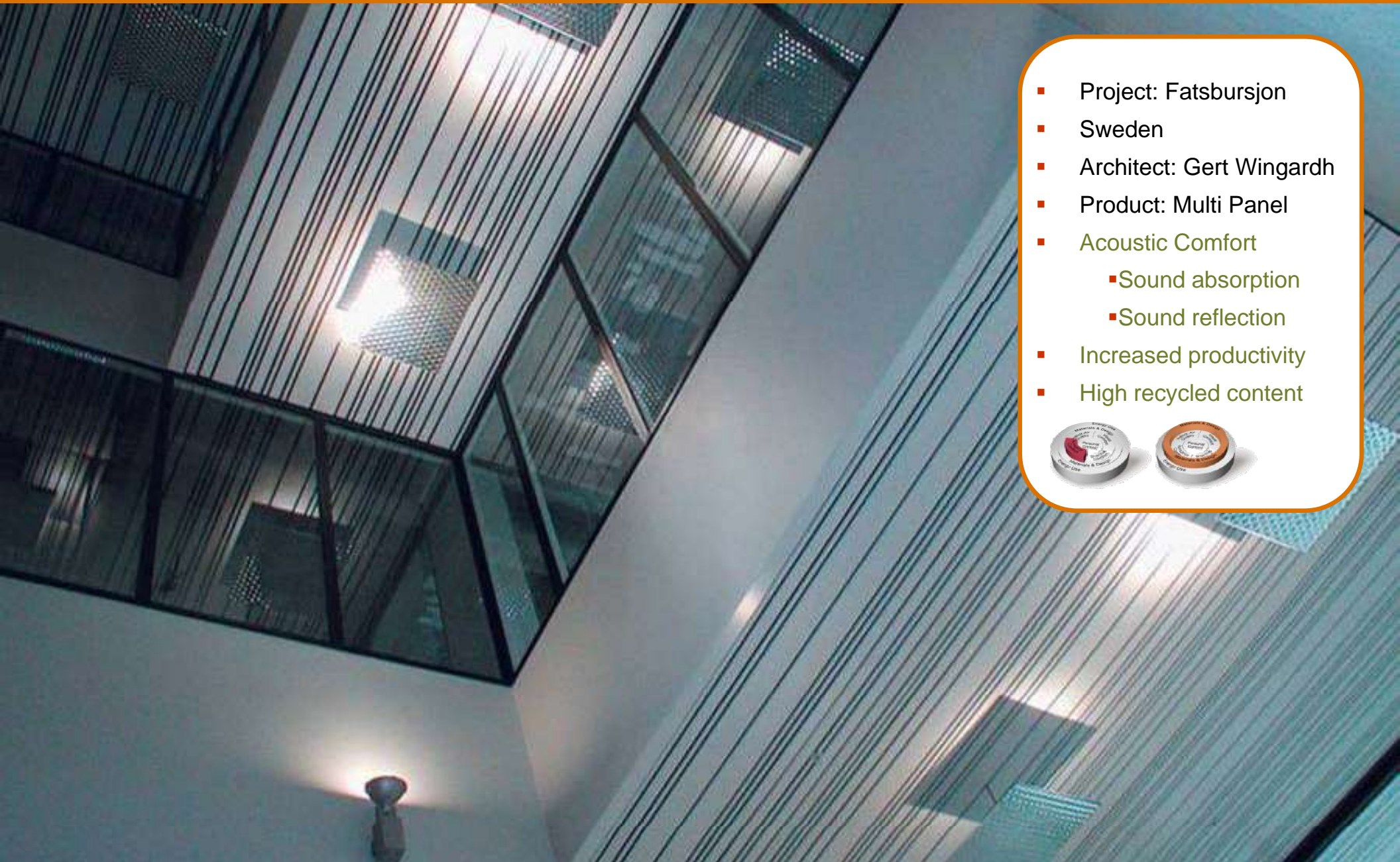
- Project: Metzo College
- Doetinchem,  
the Netherlands
- Architect: Erick v. Egeraat  
Associates
- Product: Stretch Metal  
Ceiling
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity





- Project: Metzo College
- Doetinchem, the Netherlands
- Architect: Erick v. Egeraat Associates
- Product: Stretch Metal Ceiling
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity





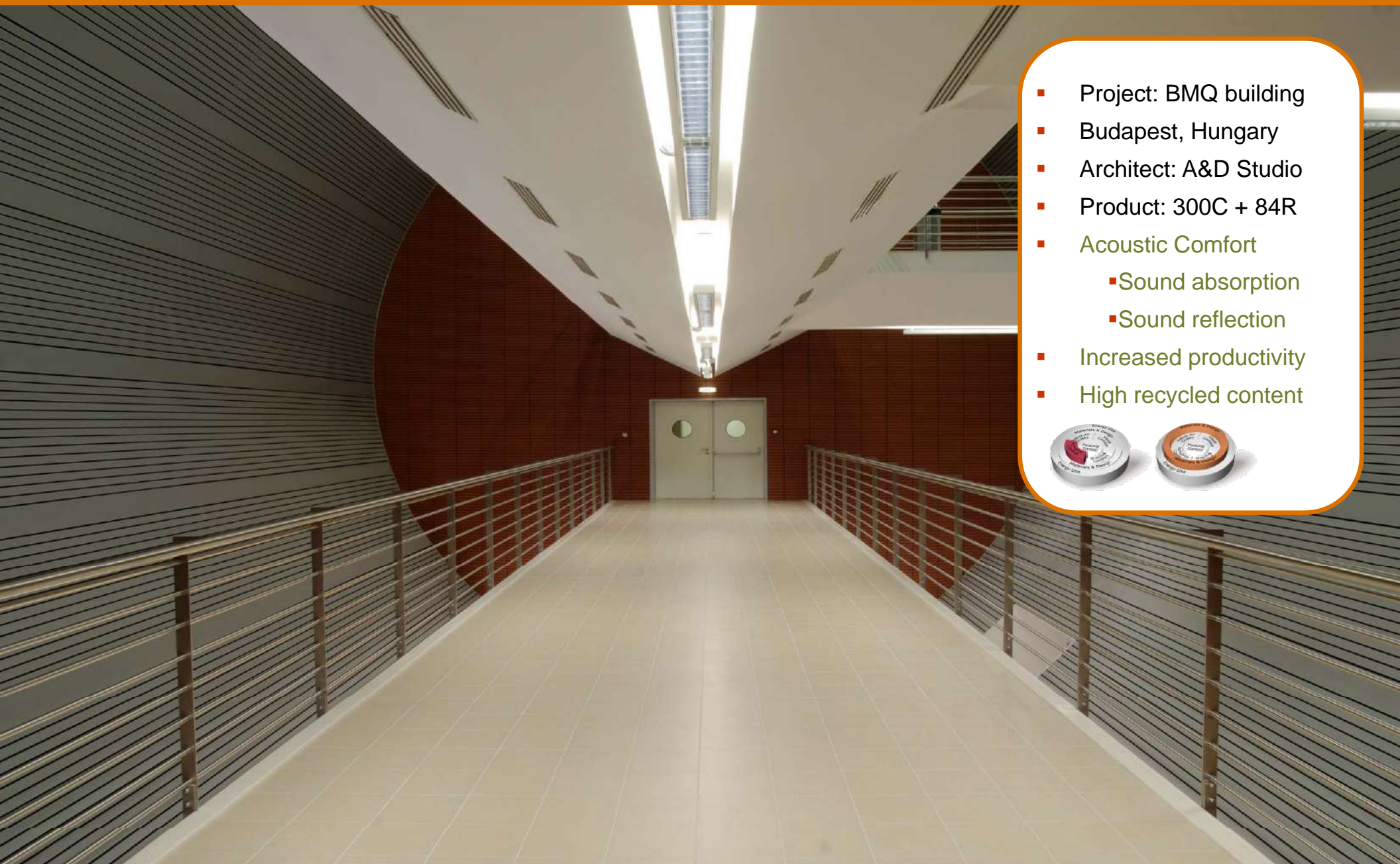
- Project: Fatsbursjon
- Sweden
- Architect: Gert Wingardh
- Product: Multi Panel
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content





- Project: School for Architecture
- Spain
- Architect:
- Product: Multi Panel
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content

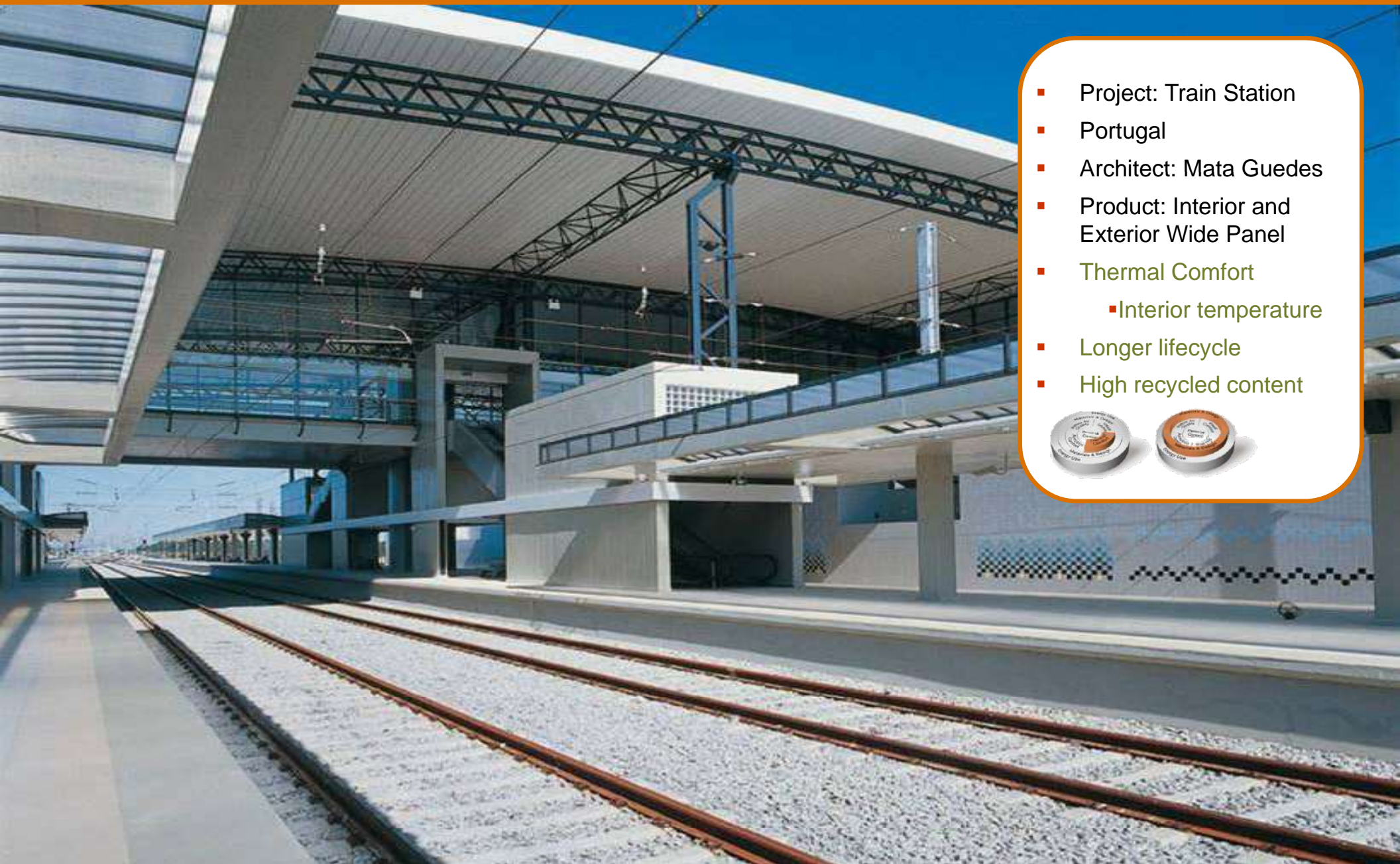




- Project: BMQ building
- Budapest, Hungary
- Architect: A&D Studio
- Product: 300C + 84R
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content

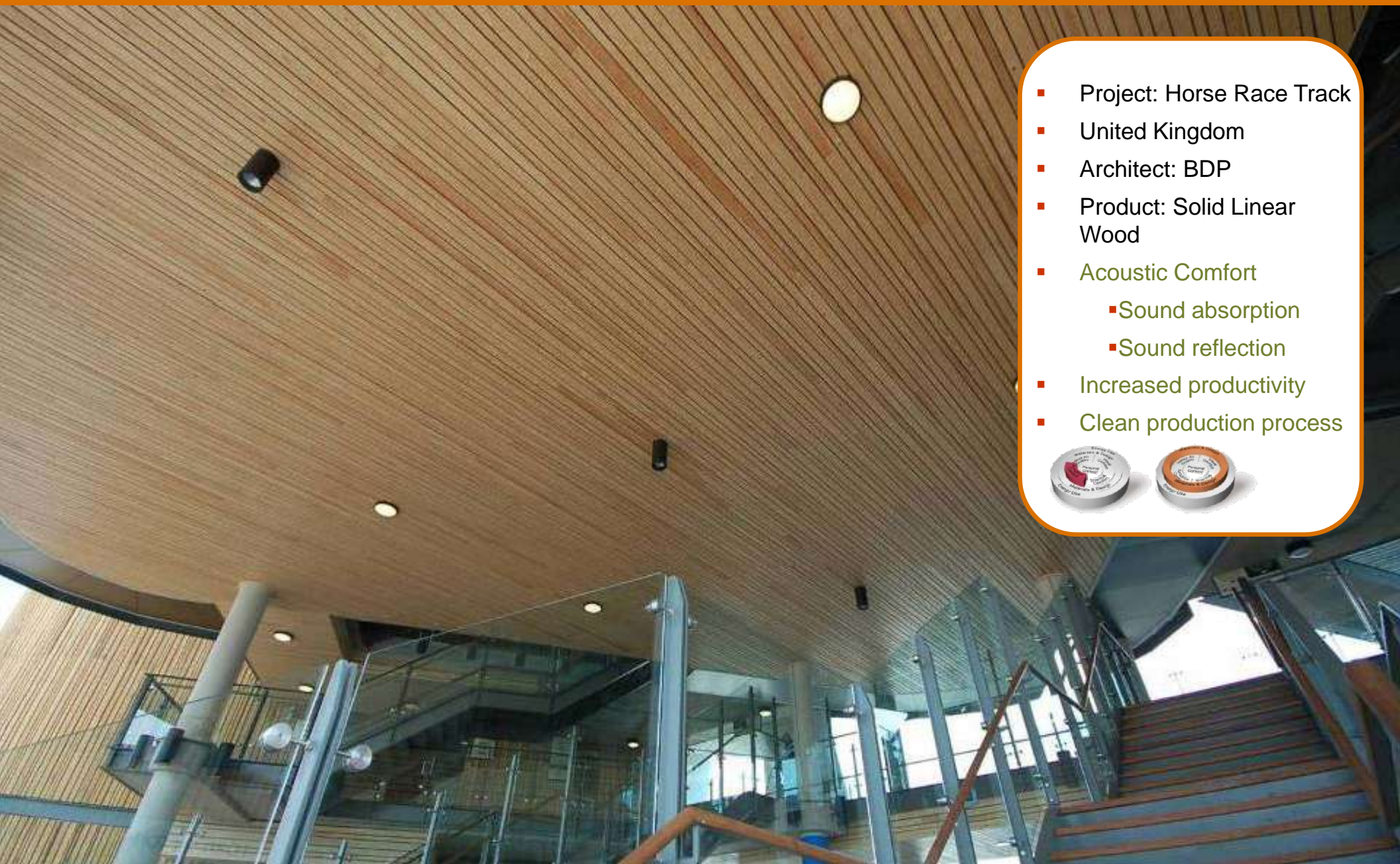






- Project: Train Station
- Portugal
- Architect: Mata Guedes
- Product: Interior and Exterior Wide Panel
- Thermal Comfort
  - Interior temperature
- Longer lifecycle
- High recycled content





- Project: Horse Race Track
- United Kingdom
- Architect: BDP
- Product: Solid Linear Wood
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process



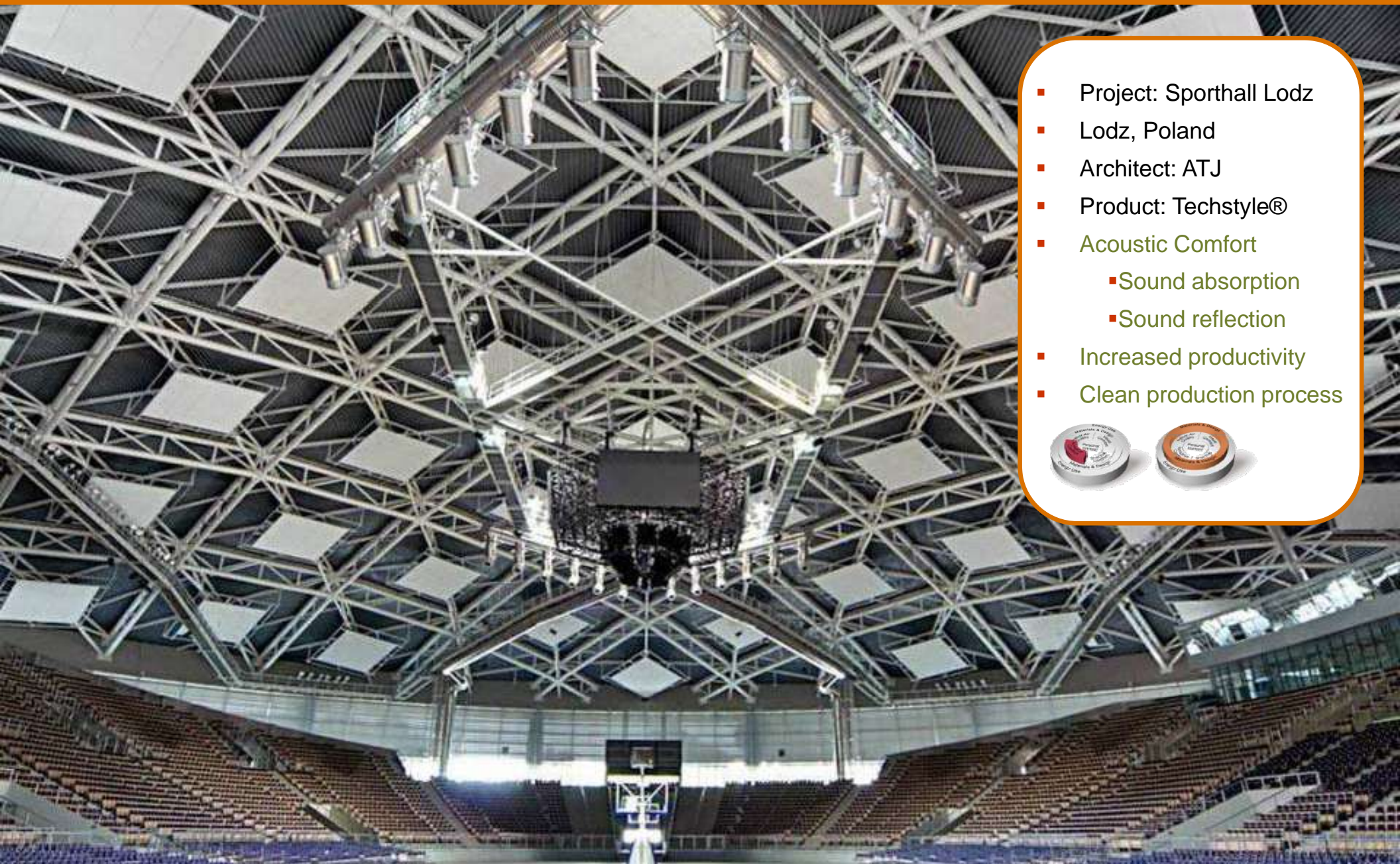


- Project: Manchester Airport T1
- Manchester, United Kingdom
- Architect: Aedes Architects
- Special: Baffle Ceilings
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- High recycled content







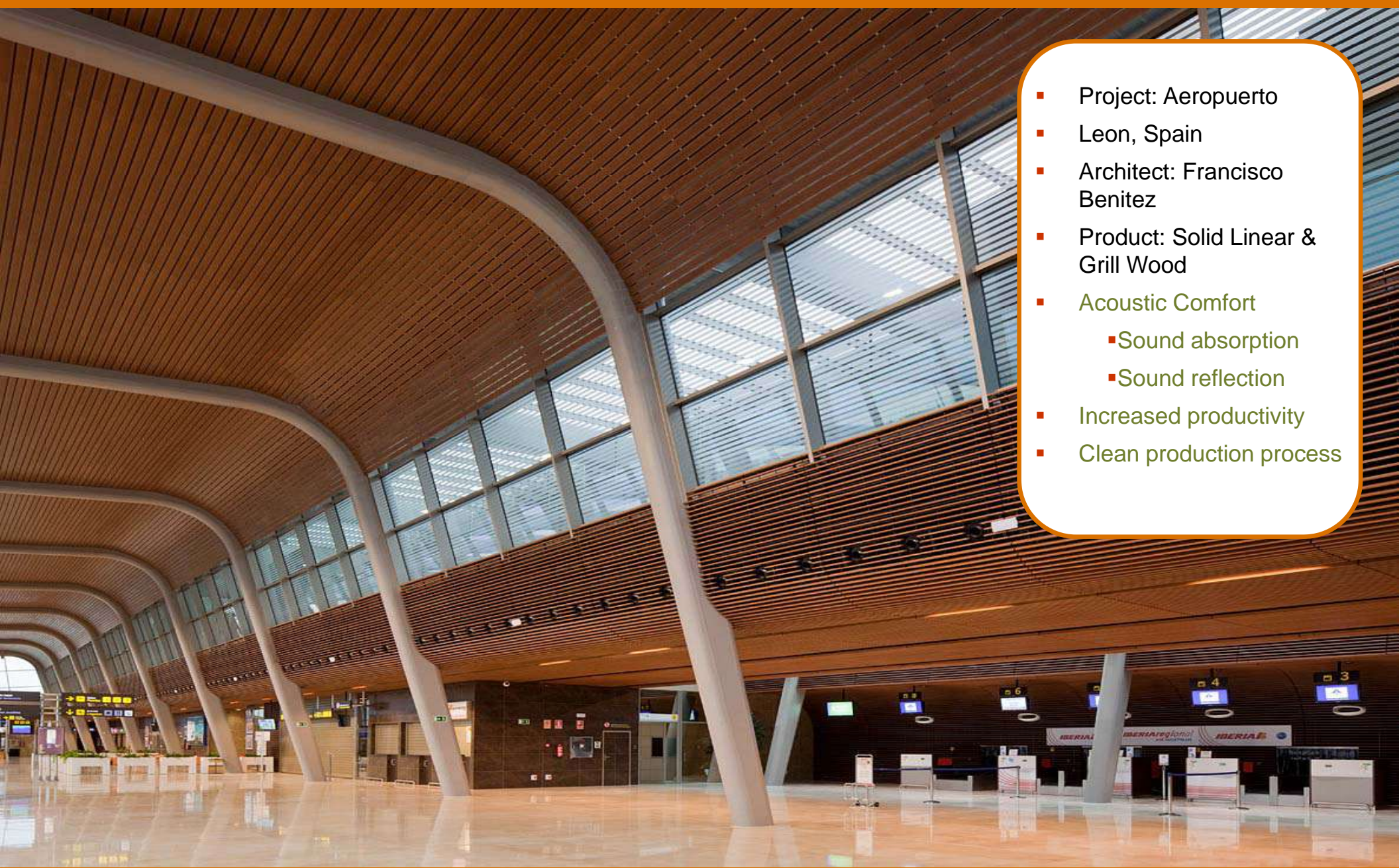


- Project: Sporthall Lodz
- Lodz, Poland
- Architect: ATJ
- Product: Techstyle®
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process





- Project: Metro station
- Barcelona, Spain
- Architect: Aedes Architects
- Special: Sun Louvre used as ceiling
- Acoustical Comfort
  - Sound reflection
- Visual comfort
- High recycled content



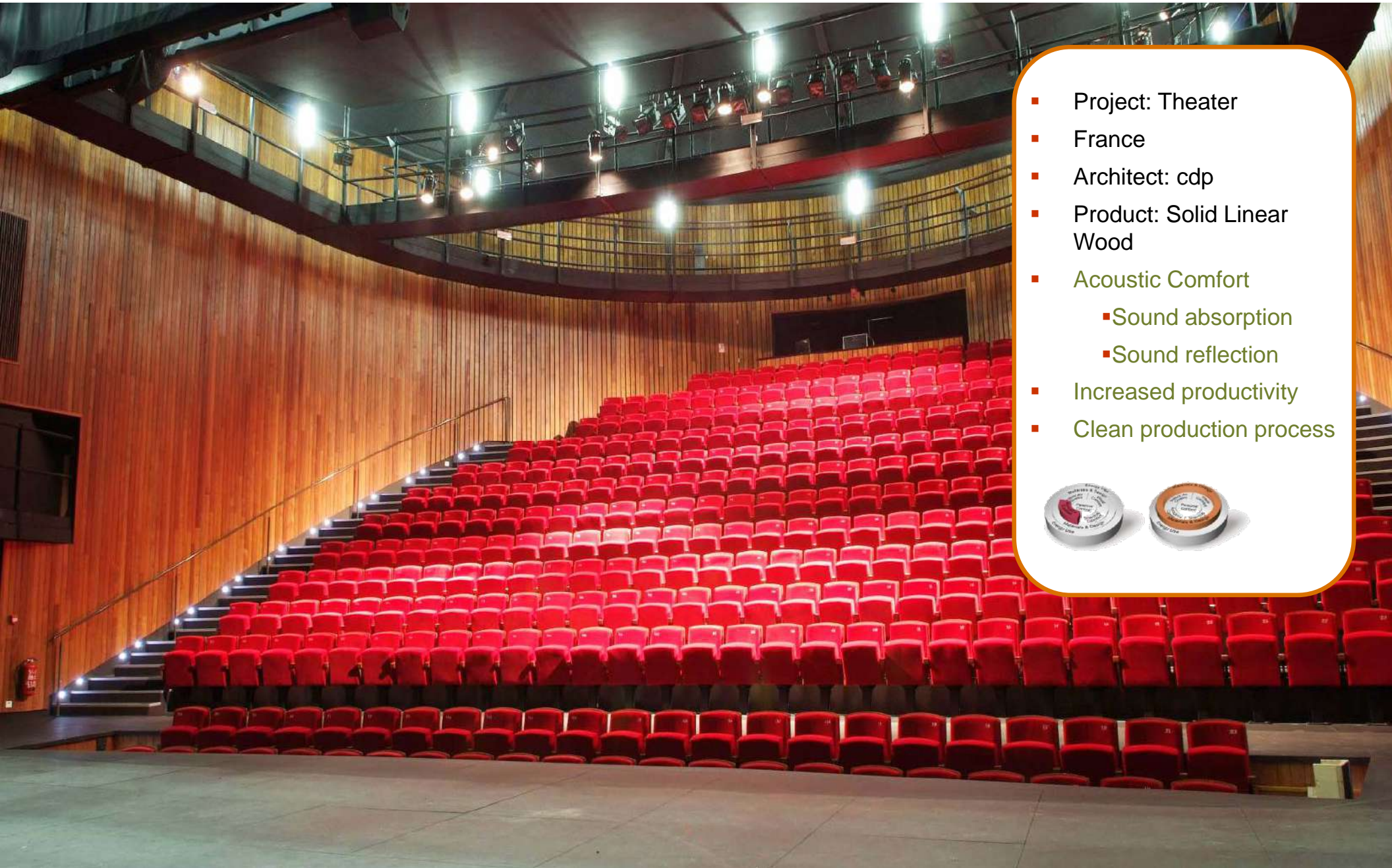
- Project: Aeropuerto
- Leon, Spain
- Architect: Francisco Benitez
- Product: Solid Linear & Grill Wood
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process





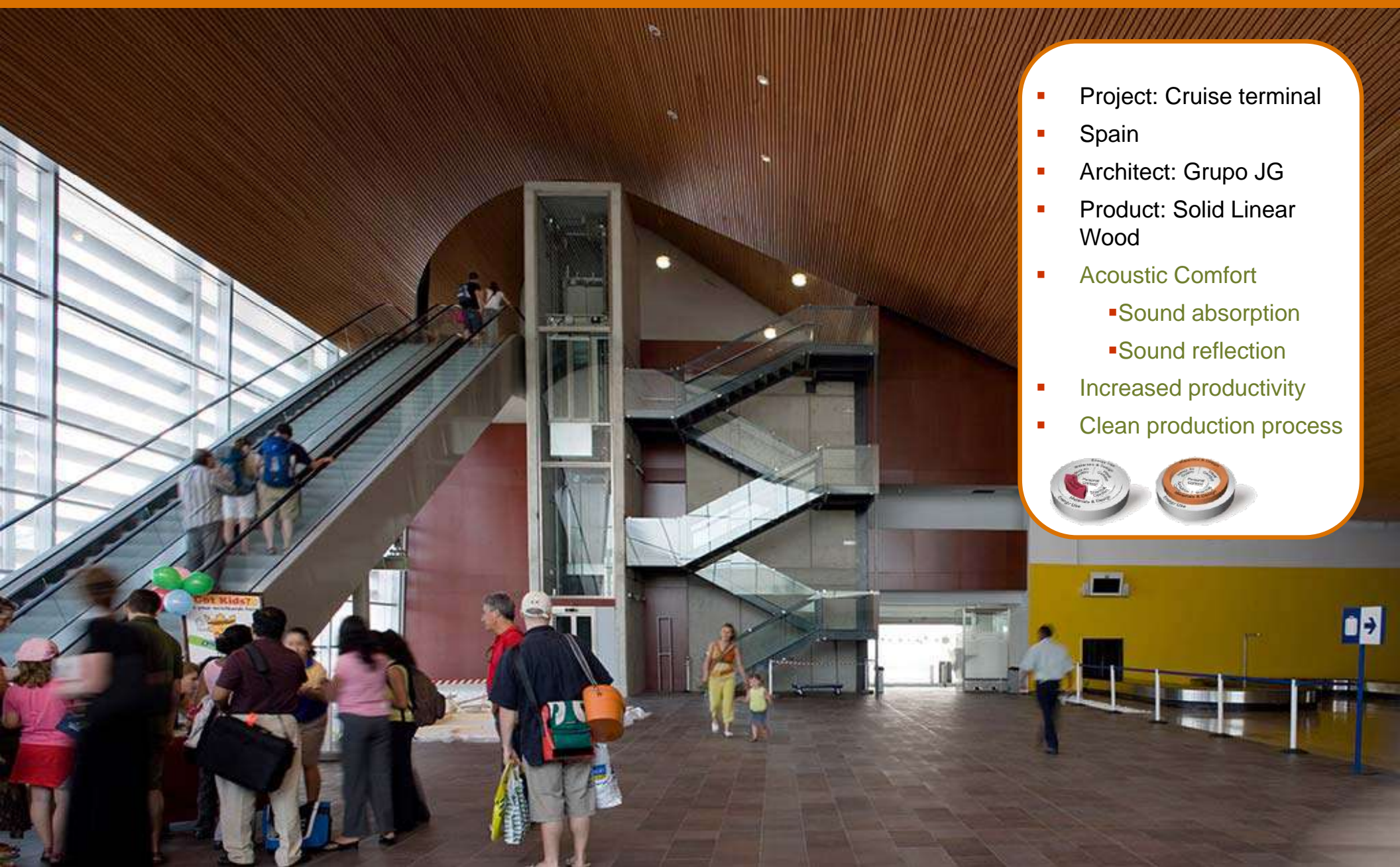
- Project: Swimming pool
- United Kingdom
- Architect: Buttress, Fuller, Alsop, Williams
- Product: Solid Linear Wood
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process





- Project: Theater
- France
- Architect: cdp
- Product: Solid Linear Wood
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process





- Project: Cruise terminal
- Spain
- Architect: Grupo JG
- Product: Solid Linear Wood
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Increased productivity
- Clean production process



**HunterDouglas®**

**Sun Control**

**SOLUTIONS**



- Project: Cruquis kade
- Amsterdam, the Netherlands
- Architect:
- Product: Sliding Shutters
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Personal Control
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





- Project: apartments Meerhoven
- Veldhoven, the Netherlands
- Architect: Rempdt van der Donk
- Product: Sliding Shutters with brass stretched metal
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Personal Control
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





- Project: Designercenter De Winkelhaak
- Antwerp, Belgium
- Architect: Coby Manders & Filip Pittillon
- Product: Folding Shutters with perforated metal sheet
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Personal Control
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





- Project: Moorilla Estate
- Tasmania, Australia
- Architect: Craig Rosevaer, Jacob Allom Wade Pty Ltd.
- Product: Aerofoils
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability

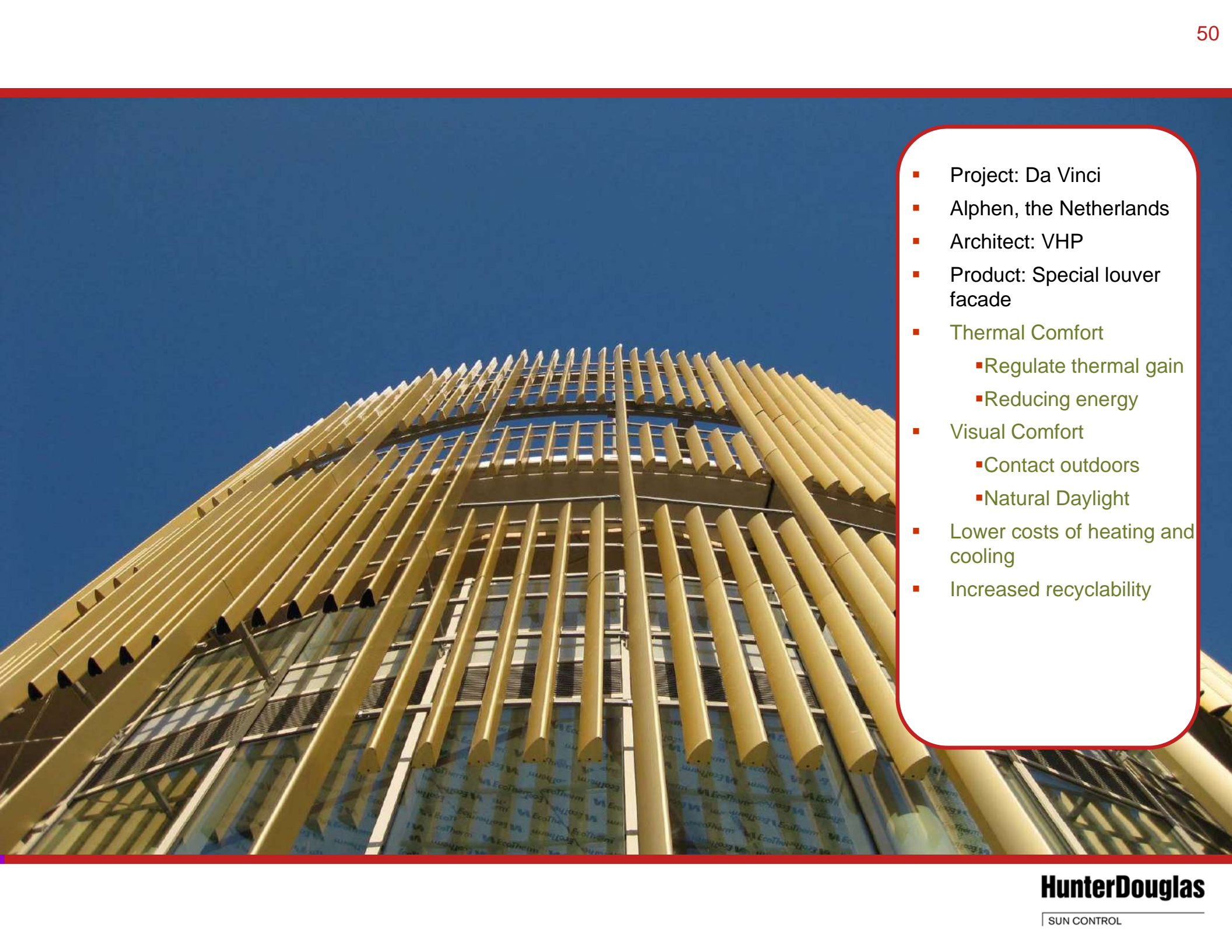






- Project: Centrum Spaar & Hout
- Haarlem, the Netherlands
- Architect: VRP Architecten
- Product: Wood louvers
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





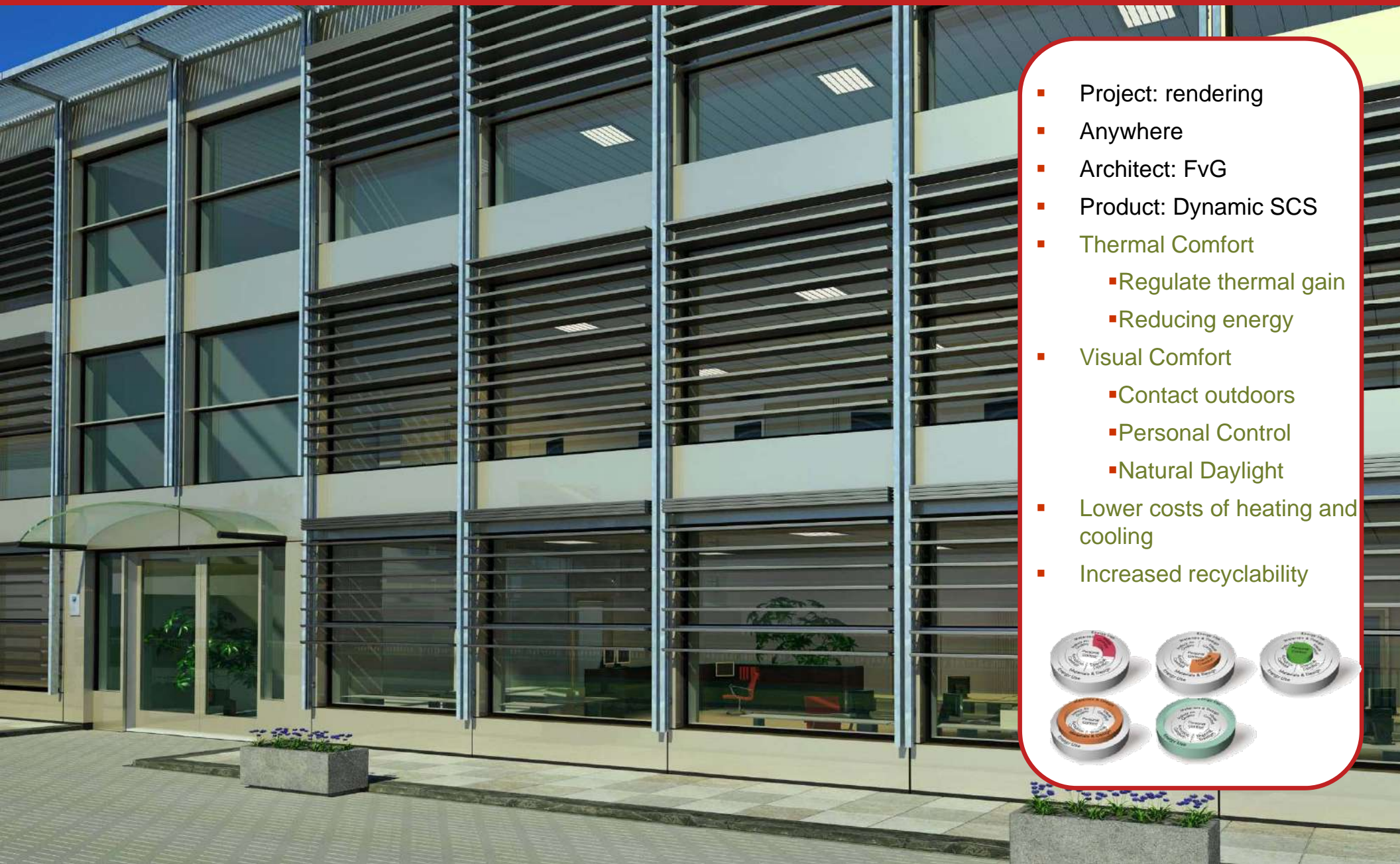
- Project: Da Vinci
- Alphen, the Netherlands
- Architect: VHP
- Product: Special louver facade
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





- Project: Rendering
- Anywhere
- Architect: FvG
- Product: Sliding Shutters Screen
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Personal Control
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





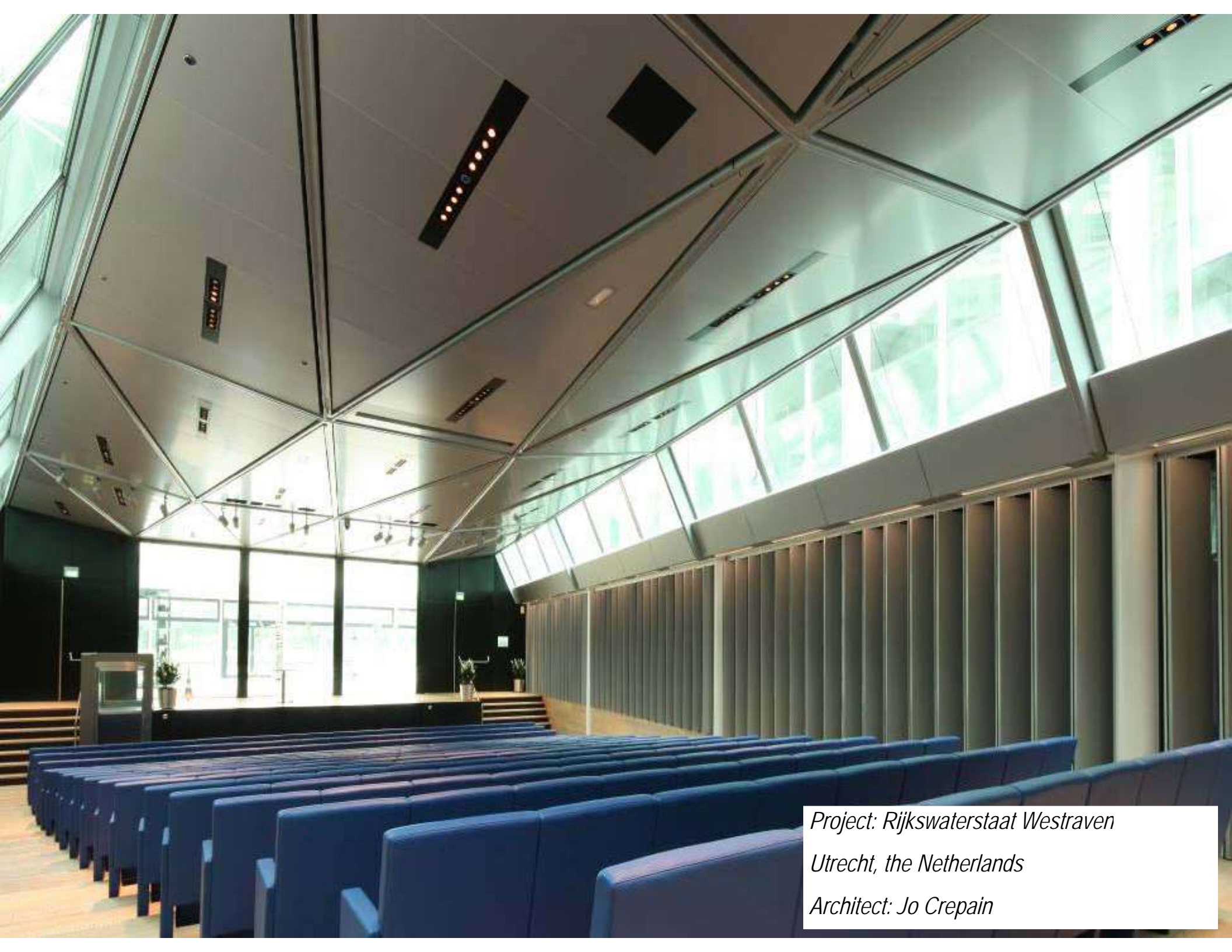
- Project: rendering
- Anywhere
- Architect: FvG
- Product: Dynamic SCS
- Thermal Comfort
  - Regulate thermal gain
  - Reducing energy
- Visual Comfort
  - Contact outdoors
  - Personal Control
  - Natural Daylight
- Lower costs of heating and cooling
- Increased recyclability





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SUN CONTROL



*Project: Rijkswaterstaat Westraven*

*Utrecht, the Netherlands*

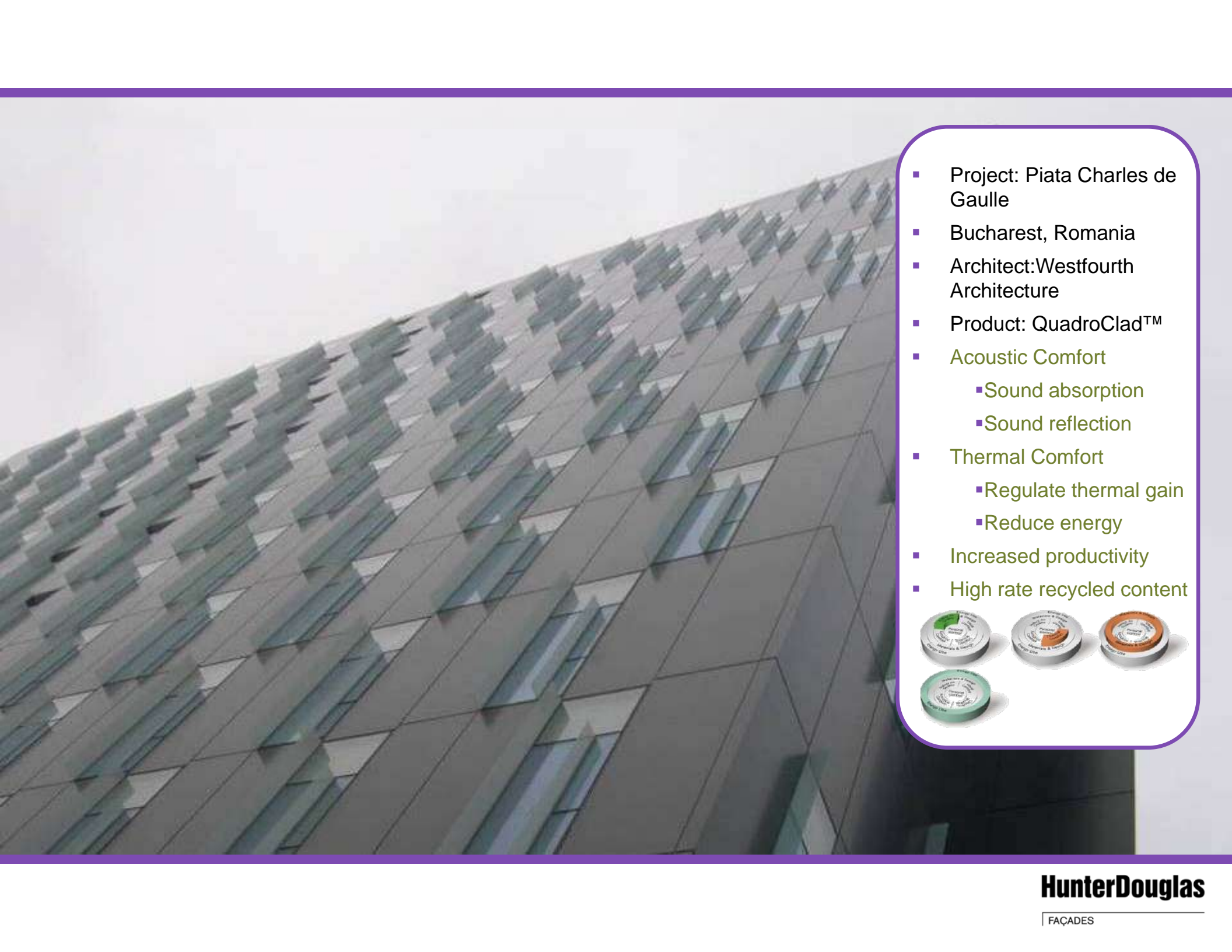
*Architect: Jo Crepain*

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**Façades**

**SOLUTIONS**





- Project: Piata Charles de Gaulle
- Bucharest, Romania
- Architect: Westfourth Architecture
- Product: QuadroClad™
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: Mahler 4 building
- Amsterdam, the Netherlands
- Architect: Toyo Ito & associates
- Product: QuadroClad™
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: Maastoren
- Rotterdam, the Netherlands
- Architect: Dam & Partners Architecten
- Product: QuadroClad™
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: Avenue Mall
- Zagreb, Croatia
- Architect Laguarda Low:
- Product: QuadroClad™, 132S and Wood grill
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: Canadian Embassy
- Bucharest, Romania
- Architect: Vladimir Arsene, Westfourth Architecture
- Product: MPF 300T Prepatinated Copper
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity





- Project: Institut Pasteur
- Lille, France
- Architect:BBF Architectes
- Product: TERRART® Large & Baguette
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: Museum Brandhorst
- Munich, Germany
- Architect: Sauerbruch Hutton Architects
- Product: TERRART® Baguette glazed
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content





- Project: St. Giles
- London UK
- Architect: Renzo Piano
- Product: TERRART® large glazed
- Acoustic Comfort
  - Sound absorption
  - Sound reflection
- Thermal Comfort
  - Regulate thermal gain
  - Reduce energy
- Increased productivity
- High rate recycled content







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FAÇADES



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# Thank You

