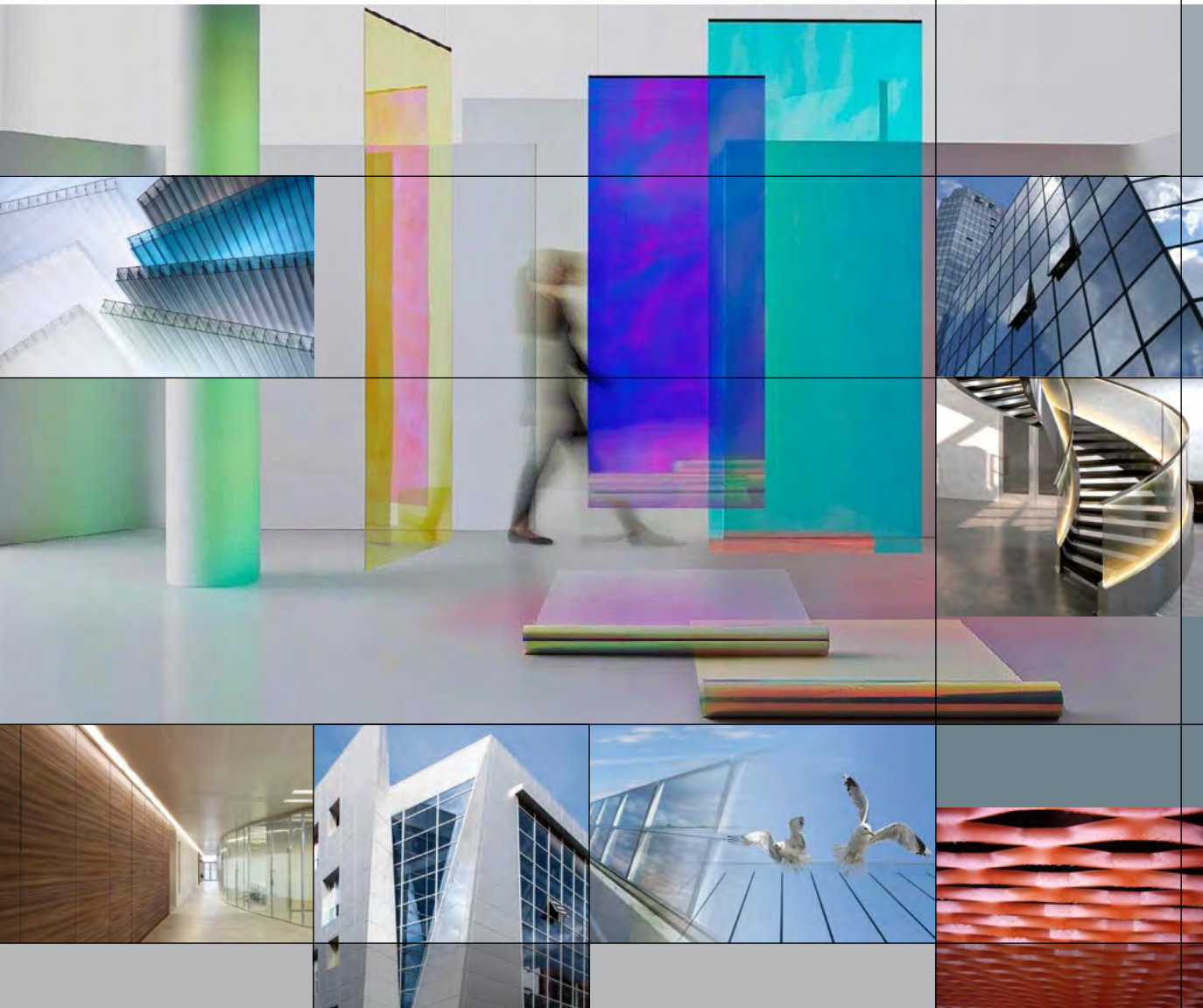


# Architectural Solutions

for indoor & outdoor decoration



**ajacovides**  
Andreas Jacovides Trading Ltd



## BUSINESS PROFILE

**Andreas Jacovides Trading Ltd** is praised as a pioneering force in delivering leading performance solutions and products enhanced by high-quality standards and environmental awareness.

Our company was founded in 1982 and became a Leader in the supply and distribution of innovative products in the Cyprus Market.

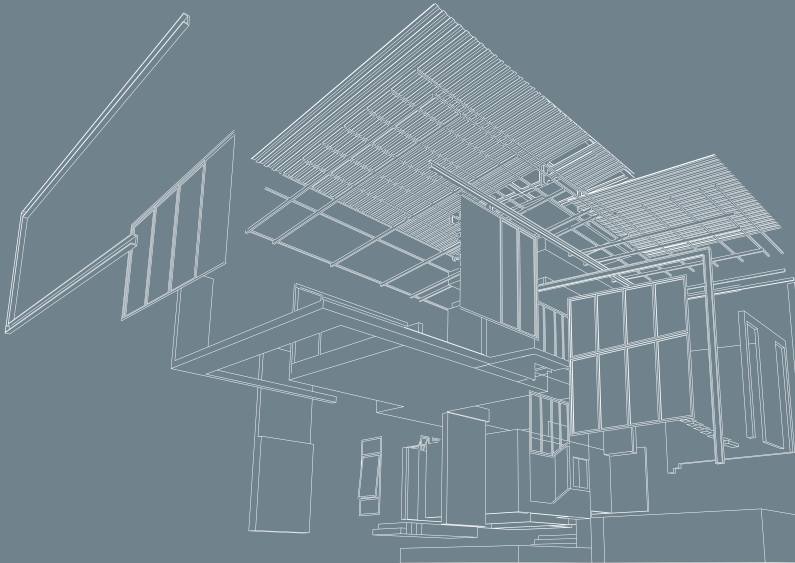
We invest heavily in building excellent customer service and support through our highly skilled engineers and staff. Emphasis is given in creating outstanding relationship with our clients and suppliers and we constantly focus on our partner's business needs. Based on our experience and in-depth technical knowledge we have achieved recognition as a trustworthy and reliable partner on whom our clients and associates can rely.


The company has its head offices in Latsia Industrial Area at the outskirts of Nicosia. This allows easy access all over Cyprus with fast and express delivery.

## WHAT WE DO

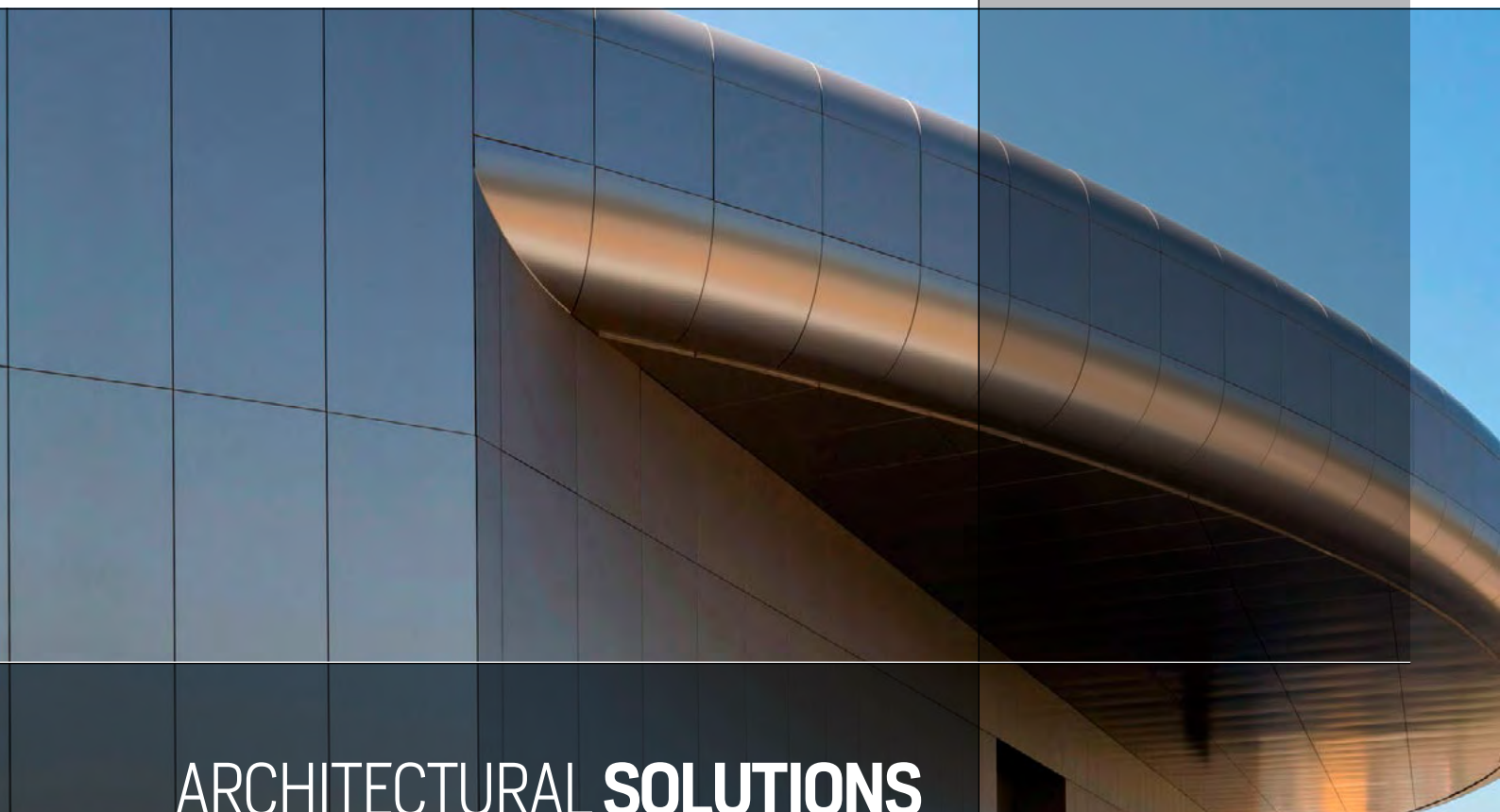
We are importers of a wide range of industrial products. The major groups of products we offer are:

- ▶ Aluminium Composite Panels
- ▶ Polycarbonate & Polyester Sheets
- ▶ Pvc & Acrylic Sheets
- ▶ Decorative Films
- ▶ Solar Films
- ▶ Safety & Security Films
- ▶ Graphic and Digital Printing
- ▶ Powder Coating
- ▶ LED & Power Supplies



		Page 4 Page 26	Aluminium Composite Panels
		Page 36	Architectural solutions in Zinc
		Page 50	Expanded Metal
		Page 64 Page 80	Polycarbonate & Polyester Sheets
		Page 90 Page 124	Aluminium Composite Sheets Acrylic Sheets Pvc Sheets Styrenics Paper and Lightweight Foamboards
		Page 134 Page 156 Page 186	Decorative Films
		Page 172 Page 176	Solar & Safety Films
		Page 178	Graphic & Digital Printing
		Page 194	Powder Coating
	   	Page 206	LED & Power Supplies





## ARCHITECTURAL SOLUTIONS



EUROPE



INTERNATIONAL



SPAIN



UNITED KINGDOM



ROMANIA



INTERNATIONAL



FRANCE



POLAND



MEXICO



INTERNATIONAL

## CERTIFIED QUALITY

STACBOND® has 8 **internationally certified** assembly systems to give new possibilities and solutions to today's architecture. These systems have been carefully designed to integrate and satisfy the specific needs of each project.

### ENVIRONMENTAL ENGAGEMENT

Since 2008 until today, as part of our continuous desire for growth and innovation, in all the STACBOND® range as well as in its processes the materials have been optimized to always obtain a simple, robust, aesthetic and functional product. This philosophy allows us to significantly reduce our environmental impact. We use 100% recyclable materials in the design of our products and think about their life cycle from the design phase.

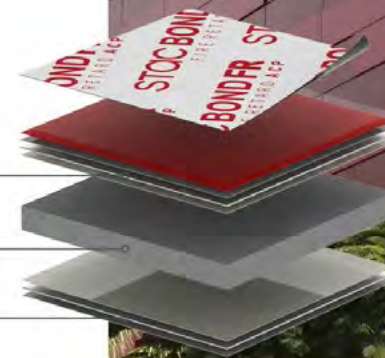
## STAC BOND FR FIRE RETARD ACP

Inner core with fire retardant mineral charge.

It meets the most rigorous fire reaction classification requirements:

- ✓ UNE-EN-13501-1:2007 – **B-S1,d0**
- ✓ PN-90/8-02867 – **NRO**
- ✓ NFPA 285 – **PASS**
- ✓ ASTM E84 – **A CLASS**

Aluminium 0.5 mm PVDF 70/30 lacquer  
mineral charged core  
Aluminium 0.5 mm primer



El Galeón shopping centre  
Islas Canarias, Spain



## STAC BOND A2 NON-COMBUSTIBLE ACP

The new STACBOND® A2 composite panel with mineral core, has been developed in order to achieve the highest requirements of current fire regulations:

- ✓ UNE-EN-13501-1:2007 – **A2-S1,d0**
- ✓ NFPA 285 – **PASS**
- ✓ ASTM E84 – **A CLASS**

Aluminium 0.5 mm PVDF 70/30 lacquer  
A2 mineral core  
Aluminium 0.5 mm primer





PROJECTS



Almadraba II Residential

**Almadraba II Residential Building**  
Alicante, Spain  
2020

Architect:  
AbyRG Roberto García

Finishes:  
White Ral 9010  
Anthracite grey



La Doller Sports Centre

**La Doller Sports Centre**  
Mulhouse, France  
2016

Architect:  
DRLW Architectes

Finish:  
Gold metallic

Material:  
Stacbond PE

System:  
Ad-hoc

Transformation:  
Punching and die-cutting







Balaídos local stadium

**Balaídos local stadium**  
Vigo, Spain  
2016

Architect:  
Pedro De La Puente Crespo

Finish:  
Metallic Blue Trilayer

Material:  
Stacbond FR

System:  
Ad-Hoc



Tromilux Headquarters

**Tromilux Headquarters**  
Vila nova de Gaia ,Portugal  
2018

Architect:  
Grupo PNB

Finish:  
Grey metallic

Material:  
Stacbond FR

System:  
STB-CH

Transformation:  
Bending with rollers







Bolzano's Cemetery



**Bolzano's Cemetery**  
Italia  
2019  
  
Architect:  
Hafner  
  
Finishes:  
Nordic Royal  
Natural Copper  
Clay zinc  
Graphite zinc  
  
Material:  
Stacbond FR  
  
System:  
STB-CH

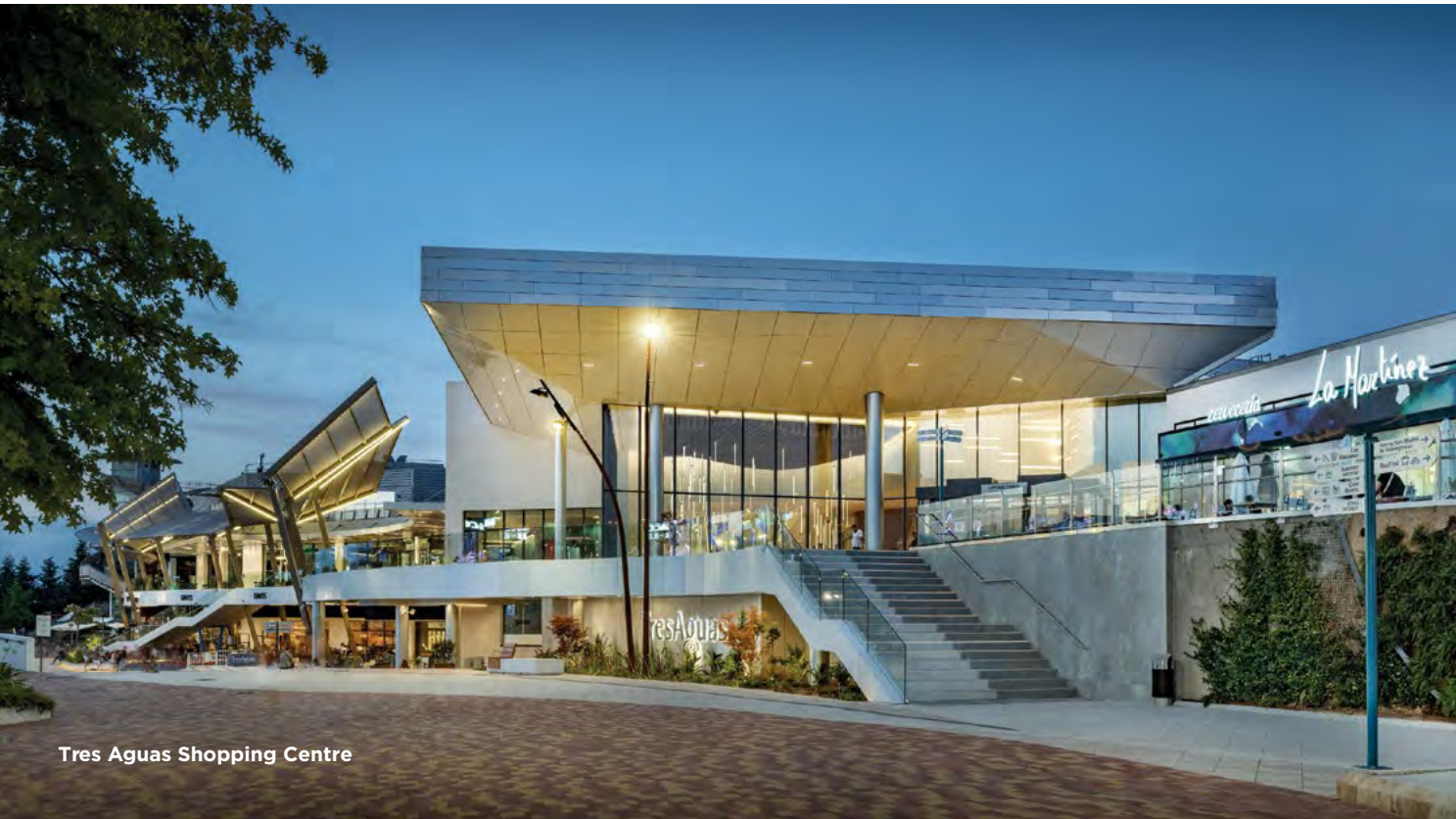


Sancho de Ávila Tanatory



**Sancho De Ávila Tanatory**  
Barcelona, Spain  
2015  
  
Finish:  
White Ral 9016  
  
Material:  
Stacbond FR  
  
Transformation:  
Punching And Die-Cutting





**Tres Aguas Shopping Centre**  
Alcorcón, Spain  
2020

Architect:  
Chapman Taylor

Finishes:  
White metallic  
White Ral 9016

Material:  
Stacbond FR



**Villares De La Reina School**  
Salamanca, Spain  
2017

Architect:  
ALBL Arquitectos

Finish:  
Mirror

Material:  
Stacbond FR

System:  
STB-CH







Mima Light Prefab House

**Mima Light Prefab House**  
Portugal  
2018

Architect:  
Portilame

Finishes:  
Mirror  
Grey metallic

Material:  
Stacbond FR

System:  
Ad-Hoc



TME Headquarters

**TME Headquarters**  
Lodz, Poland  
2018

Architect:  
3d Projekt Architektura

Finishes:  
Traffic Red  
Gold Metallic

Material:  
Stacbond Fr

Systems:  
Ad-Hoc





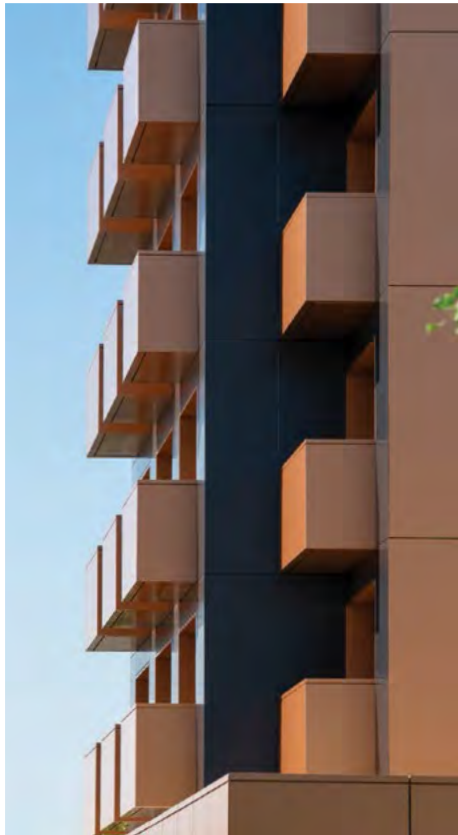


**Nova Cruz Hotel**  
Santa Maria da Feira, Portugal  
2018

Finishes:  
Carbon  
Copper metallic

Material:  
Stacbond FR

System:  
STB-CH



**Fashion Drive shopping centre**  
Monterrey, Mexico  
2018

Finish:  
Golden pearl

Material:  
Stacbond FR

System:  
Ad-hoc

Transformation:  
Bending with rollers





Germaine Richier School



**Germaine Richier School**  
Montpellier, France  
2018

Architect:  
MDR Architectes

Finishes:  
Gold metallic  
White Ral 9016

Material:  
Stacbond FR



Bonneuil Office Complex



**Office Complex**  
Bonneuil sur Marne, France  
2019

Architect:  
Atelier M3

Finishes:  
Ultramatt black  
Walnut

Material:  
Stacbond FR

System:  
STB-T-SZ







Porsche dealership



**Porsche Car Dealer**  
A Coruña, Spain  
2017

Finish:  
Silver metallic

Material:  
Stacbond FR

System:  
STB-CH

Transformation:  
Bending with rollers



McLaren dealership



**McLaren Car Dealership**  
Barcelona, Spain  
2019

Architect:  
Crea House

Finishes:  
Anthracite grey  
Grey metallic

Material:  
Stacbond FR





Thermos Residential Building



**Thermos Residential Building**  
Pamplona, Spain  
2017

Architect:  
VA Arquitectos

Finishes:  
Dark grey  
White Ral 9016

Material:  
Stacbond FR

System:  
STB-CH

# Wood collection

STACBOND 's@wood finishes provide projects with warmth and organic natural wood appearance combined with all the advantages of composite panel, making it a high quality and very versatile product, perfect for decorating spaces.

The STACBOND® panel has an external 5005 and internal 3005/3105 aluminium alloy and is coated with the highest quality PvdF 70/30 paint (polyvinyl flouride) that offers the highest resistance to ageing.

The manufacture of STACBOND® composite panel follows a controlled process by way of rigorous tests and quality controls.







Trigone Building

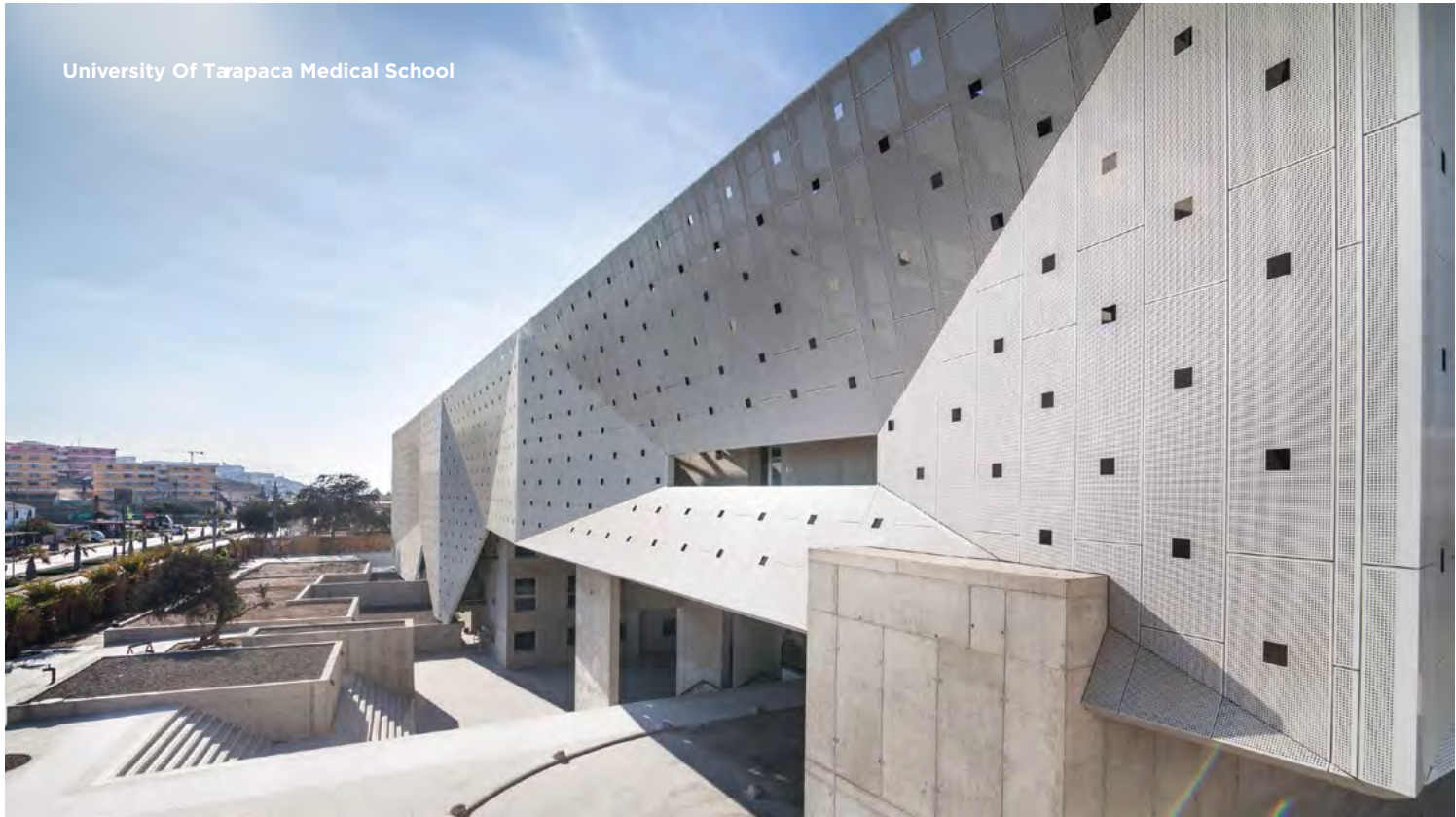


**Trigone Building**  
Paris, France  
2018

Finish:  
White Ral 9016

Material:  
Stacbond PE

System:  
Ad-hoc



University Of Tarapaca Medical School

**University Of Tarapaca Medical School**  
Arica, Chile  
2019

Finish:  
RAL 7035 Light grey

Material:  
Stacbond PE

System:  
Ad-Hoc

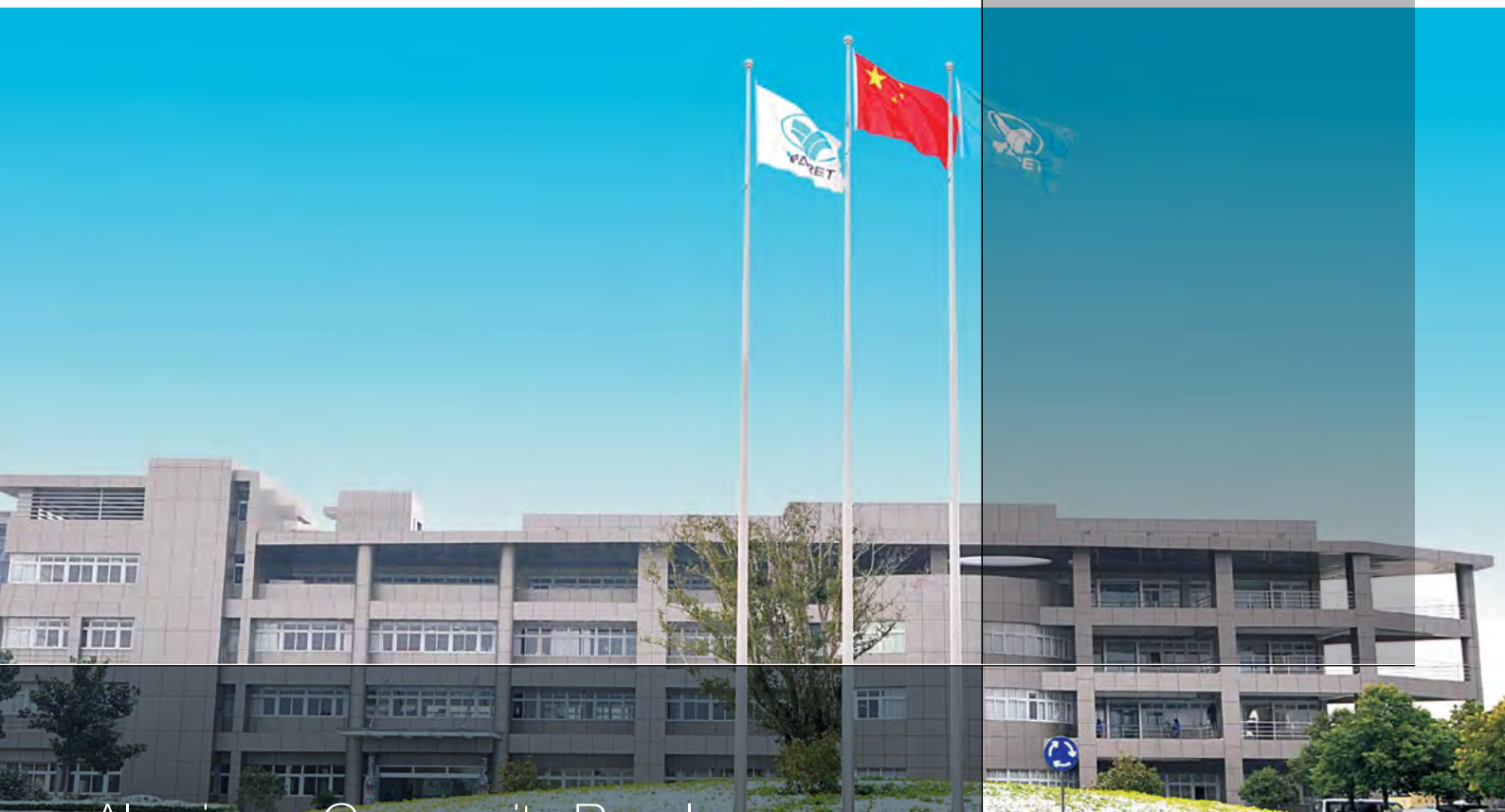
Transformation:  
Punching and die-cutting











## Aluminum Composite Panels

Yaret Industrial Group Co., Ltd. is the largest and one of the leading ACP/Coated and embossed aluminum coil manufacturers in China. Moreover, it is more than two times larger than our next major competitor.

Leading supplier to Russia and Ukraine. Yaret is major supplier to whole of Europe.



## Aluminium Composite Panels

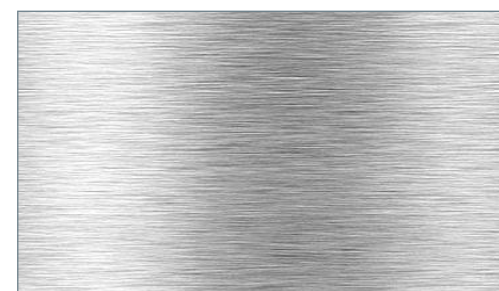
### PE Finishing



### PVDF Finishing



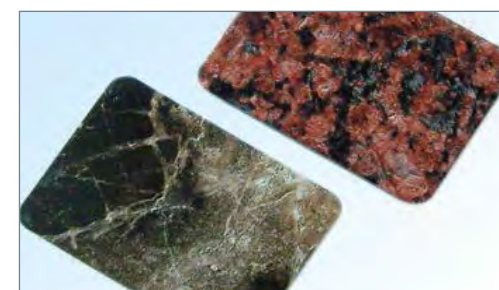
### Brush Effect



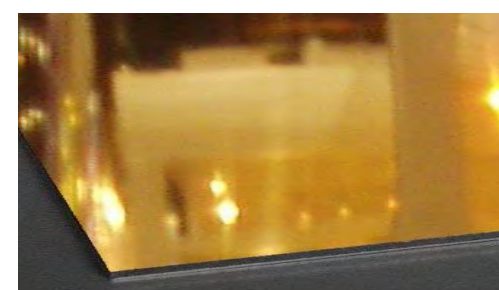
### Timber Effect



### Granite Effect



### Mirror Effect





















## Architectural solutions in zinc

### elZinc® has put into place numerous management tools that reinforce this quality guarantee:

■ Quality certificate according to standard UNE-EN ISO 9001:2008

From its origins, Asturiana de Laminados, SA -elZinc®- has submitted itself to an ongoing process of improvement that has been accredited and endorsed by the internationally recognized standard for quality management UNE-EN ISO 9001.

■ Internal and external quality controls.

The rigorous Controls continuously conducted by our own laboratories and by prestigious independent experts maintain and attest to the quality of our material.

■ The identification of our products.

All elZinc® sheets and coils are identified with a serial number to ensure traceability. This automatic marking on the inside surface of the metal guarantees product traceability and the identification of the material.



TÜV SUD Quality Management System



KOMO Certificate

## The company

Established in 2006, Asturiana de Laminados, S.A. by virtue of its elZinc® brand, has become one of the world's main producers of rolled zinc products.

The use of the latest technologies in casting, rolling, slitting and cutting coupled with the implementation of the most rigorous quality control protocols, allows elZinc® to better the tolerances established in the current European and American standards, namely EN988 and ASTM B-69.

Our success is founded upon a constant drive to progress and to satisfy the most demanding of market needs. Thanks to the work carried out in R&D&I, we offer a wide range of roofing and cladding products and finishes, and are already present in more than 35 countries.

More than a 100 professionals place their expertise at your disposal, providing customized technical and commercial assistance aimed at construction professionals that may require it in any part of the world.

## Why choose elZinc® for your projects?

### Designing in zinc frees your imagination

Zinc has been used as a roofing and façade cladding material since the 19th century thanks to the numerous esthetic and functional qualities it possesses and which allow its adaptation to all architectural styles.

Its natural surface and changing reflections make it an extraordinarily versatile material.

Titanium-zinc from elZinc® can blend into its surroundings or, on the contrary, highlight the unique character of a facade, depending on the intended effect. Its excellent malleability and the adaptability of the systems used to install it enable elZinc® to conform to the most complex and unusual geometries.

It can be installed both on low pitched roofs (with a minimum of 3°) as well as on façades.

The wide range of surface finishes produced by elZinc® and the numerous possible combinations, as well as the many types of installation systems available nowadays, offer a host of possibilities for the inside and outside of buildings.





# elZinc Alkimi®

## Pure elegance

Zinc cladding and roofing allows a great deal of freedom when designing. The **elZinc Alkimi®** aesthetic finishes give character and authenticity to your architectural projects.

Manufactured from elZinc® Natural, according to EN988 and ASTM B-69 standards, through a unique surface treatment carried out with elZinc technology and know-how, the **elZinc Alkimi®** range respects and maintains intact the zinc's original properties.

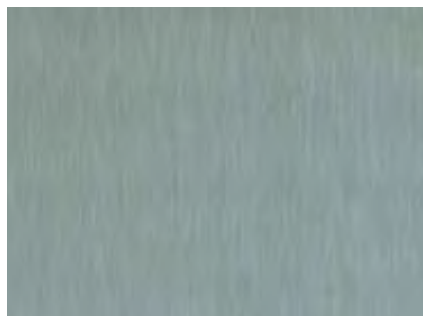
Zinc cladding and roofing contributes to create a unique style and confers undeniable aesthetic value to buildings.

Used alone or combined, the shades that compose **elZinc Alkimi®** - currently the widest on the market - reveal the shapes, the volumes and the textures of architecture.

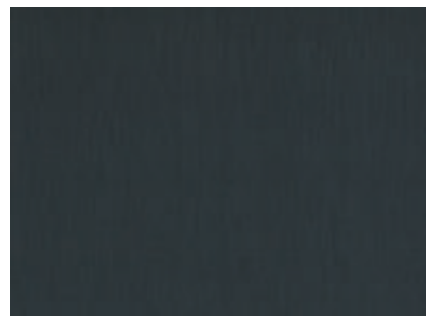
elZinc® Natural



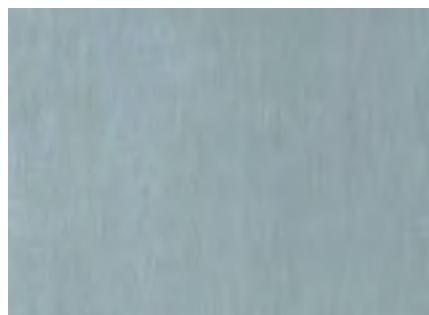
elZinc Slate®



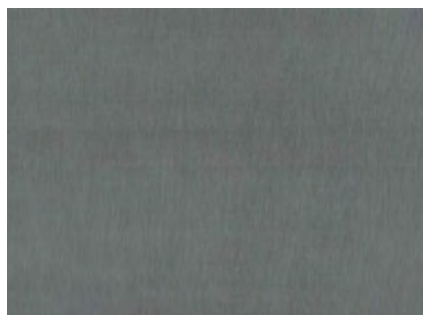
elZinc Graphite®



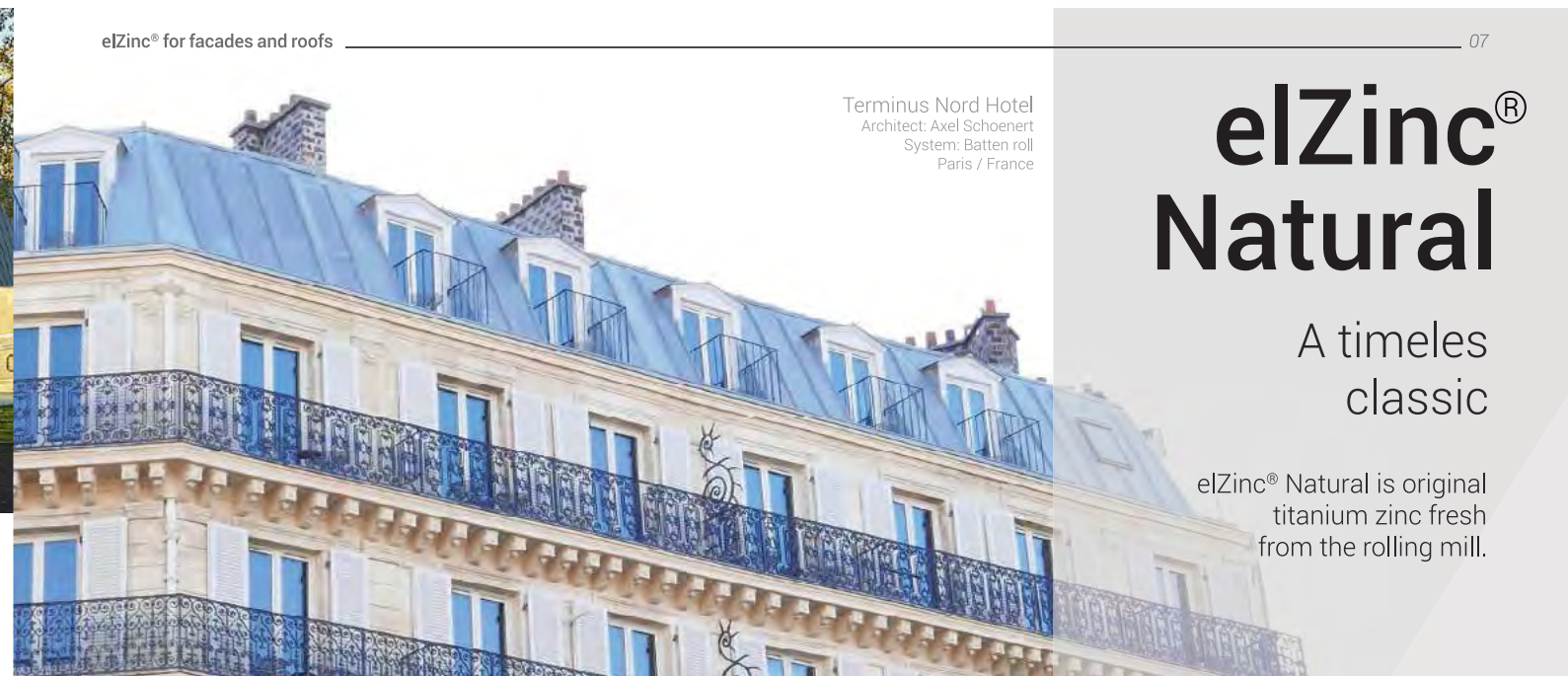
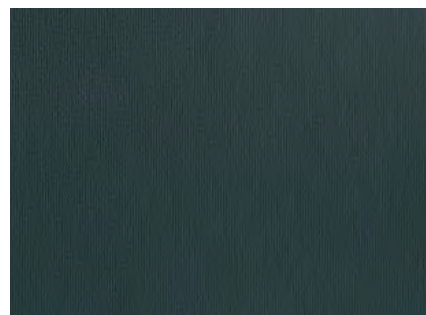
elZinc Crystal®



elZinc Lava®



elZinc Oliva®



# elZinc® Natural

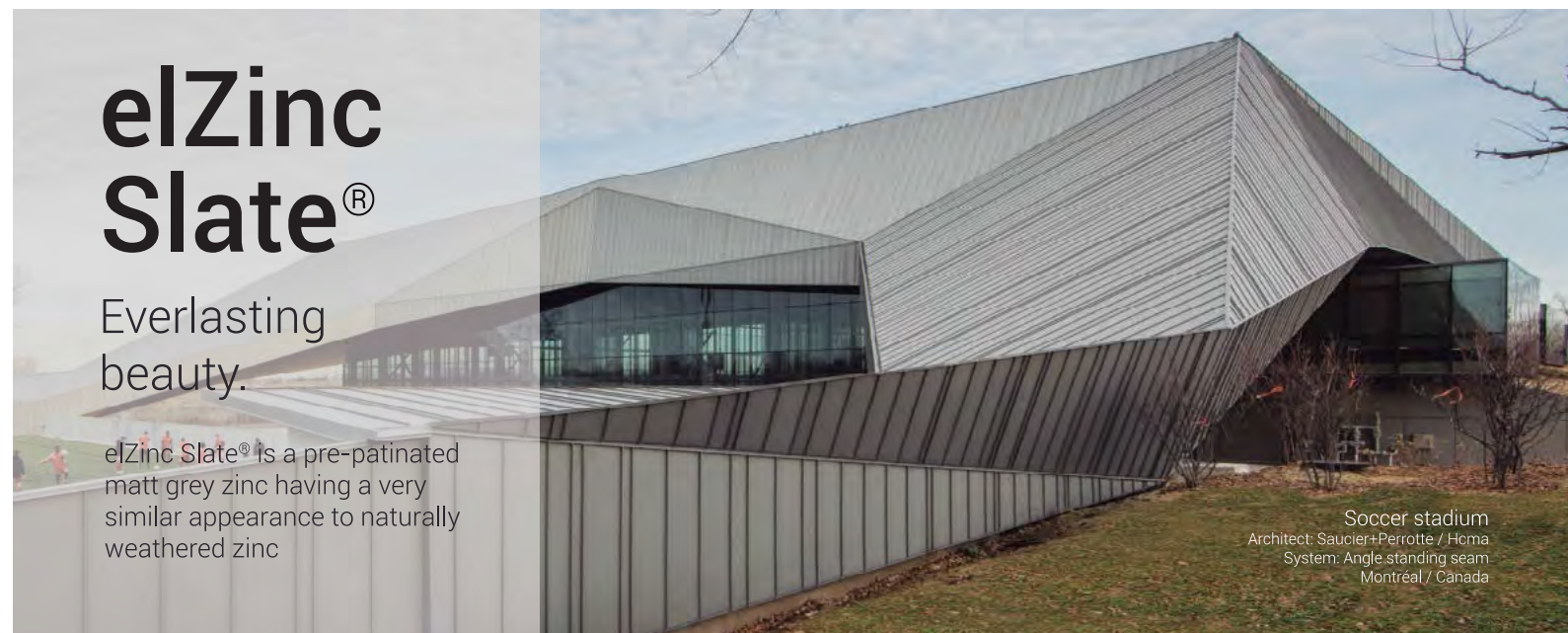
A timeless  
classic

elZinc® Natural is original  
titanium zinc fresh  
from the rolling mill.

## elZinc Slate®

Everlasting  
beauty.

elZinc Slate® is a pre-patinated  
matt grey zinc having a very  
similar appearance to naturally  
weathered zinc



## elZinc Graphite®

A touch  
of elegance

elZinc Graphite® is  
architectural zinc  
pre-weathered to a very dark,  
almost black, shade of grey.





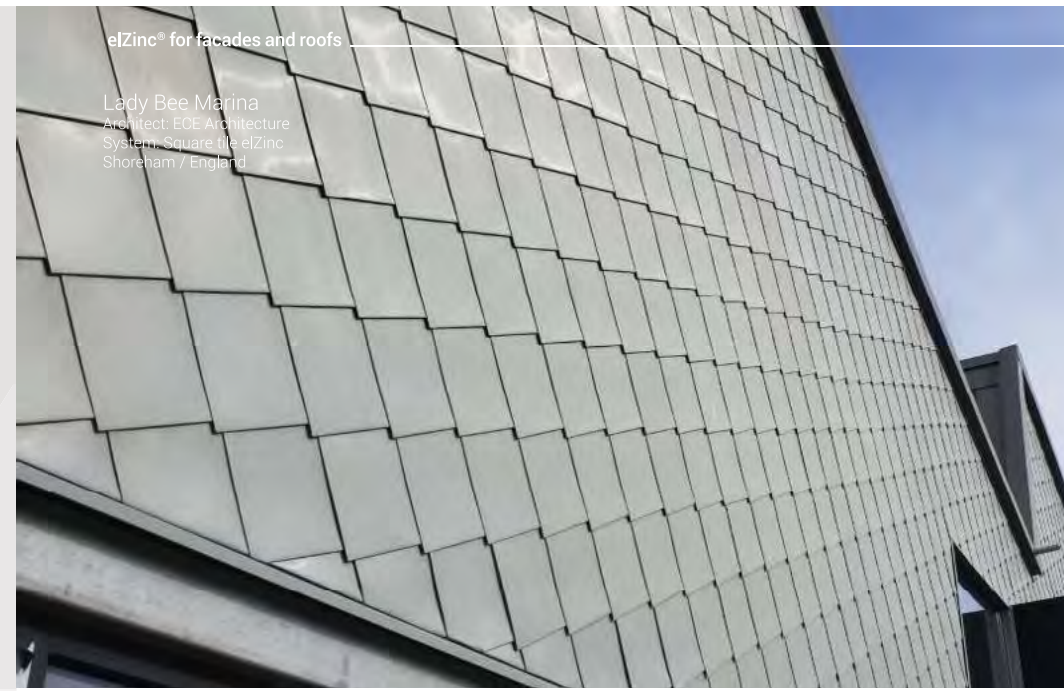


Terminus Nord Hotel  
Architect: Axel Schoenert  
System: Batten roll  
Paris / France

# elZinc® Natural

A timeless  
classic

elZinc® Natural is original  
titanium zinc fresh  
from the rolling mill.



Lady Bee Marina  
Architect: ECE Architecture  
System: Square tile elZinc  
Shoreham / England

# elZinc® Crystal

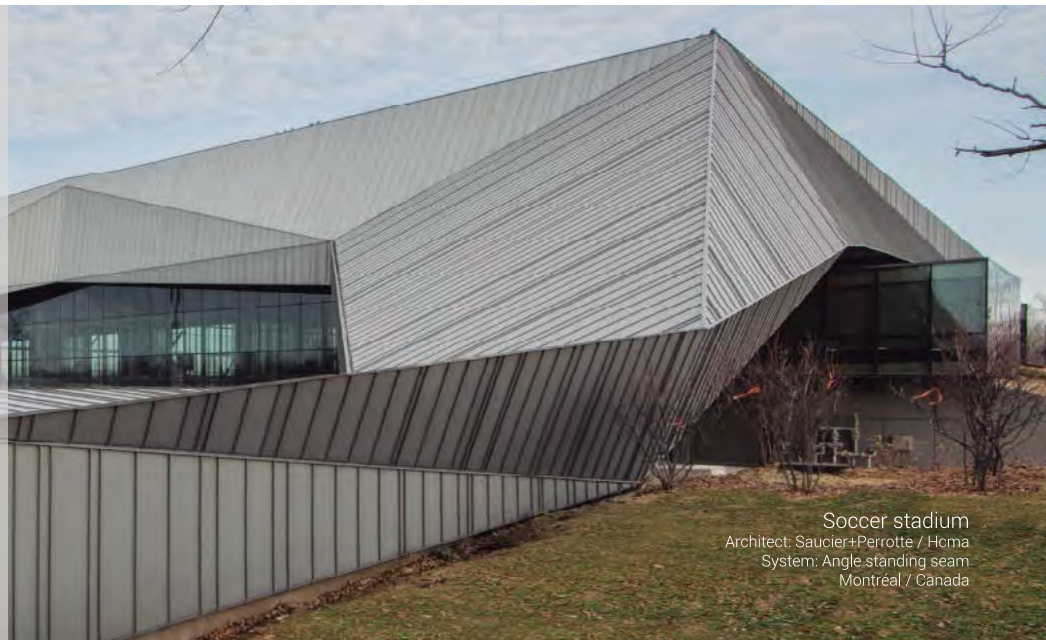
Changing  
reflections

Pearl grey pre-patinated zinc,  
elZinc Crystal® creates striking  
effects that personalize your  
façades.

# elZinc® Slate

Everlasting  
beauty.

elZinc Slate® is a pre-patinated  
matt grey zinc having a very  
similar appearance to naturally  
weathered zinc

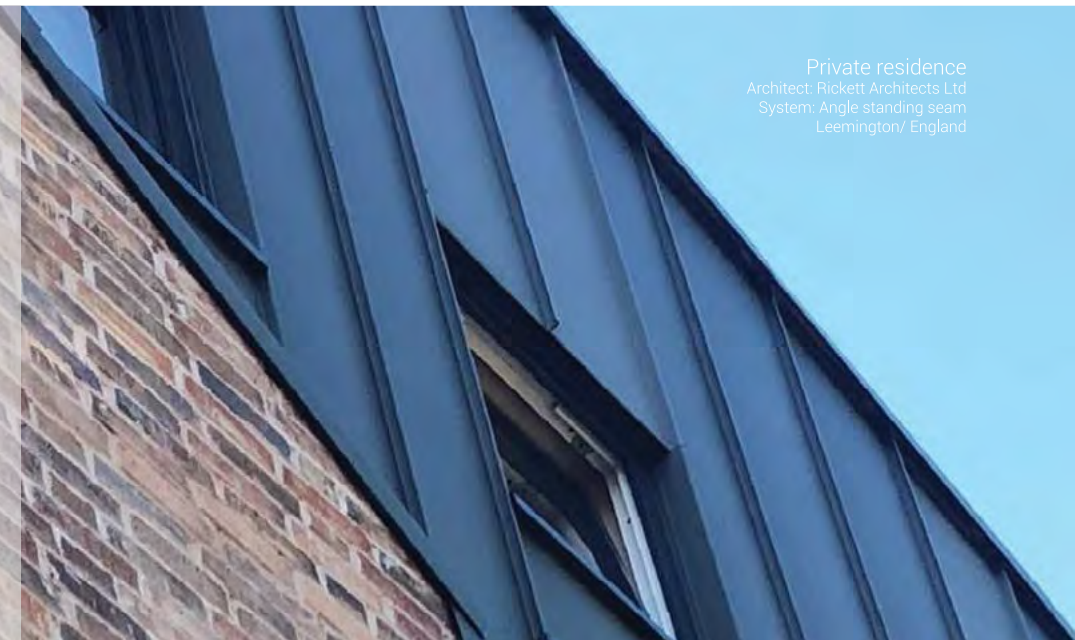


Soccer stadium  
Architect: Saucier+Perrotte / Homa  
System: Angle standing seam  
Montréal / Canada

# elZinc® Oliva

A natural  
tendency

elZinc Oliva® is a dark grey  
pre-weathered zinc with subtle  
greenish and bluish hues.



Private residence  
Architect: Rickett Architects Ltd  
System: Angle standing seam  
Leemington / England

# elZinc® Graphite

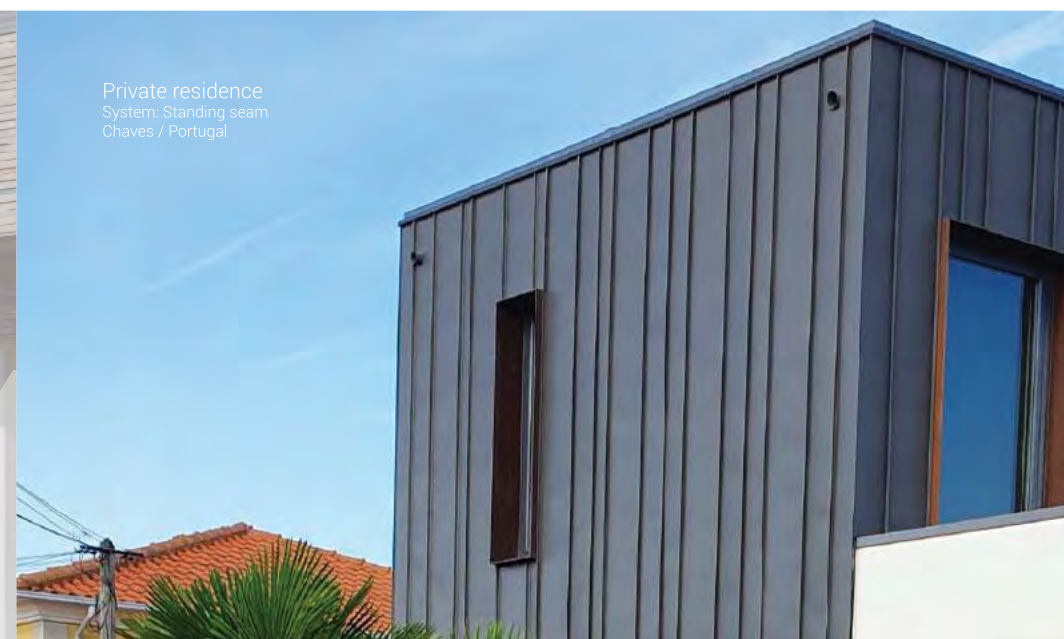
A touch  
of elegance

elZinc Graphite® is  
architectural zinc  
pre-weathered to a very dark,  
almost black, shade of grey.



Eugene Varlin School  
Architect: Gaëtan Le Penhuel & associés  
System: Standing seam  
Pierrefitte-sur-Seine / France

Private residence  
System: Standing seam  
Chaves / Portugal



# elZinc® Lava

A metal with  
character

Basalt grey in colour, elZinc  
Lava® offers a wide range of  
combinations thanks to its  
natural and authentic character.



# elZinc Rainbow®

The Alchemist  
Architect: Reid Architects  
Finish: elZinc Rainbow Gold  
System: Angle Standing Seam  
Manchester / England

## Zinc doesn't have to be grey

Colour is an essential component of architecture which forms an integral part of the building identity. Versatile and aesthetic, zinc doesn't have to be grey.

**elZinc Rainbow®** is a range of colored architectural zinc which combines zinc elegance with the richness of colours. Available in 6 standard attractive finishes – red, blue, green, black, gold and brown – **elZinc Rainbow®** harmoniously integrates into its surroundings.

Produced according to EN988 and ASTM B-69 standards, **elZinc Rainbow®** is made by applying mineral pigments to our pretreated zinc. Its organic coating is a very attractive and durable finish that provides additional protection against corrosion.

**elZinc® has also developed a process\* which allows it to offer custom colours. Don't hesitate to ask about personalized finishes.** The shimmering, iridescent effects of **elZinc Rainbow®** combine modernity and tradition, to be enjoyed by all. Its subtle, versatile shades are suitable for all types of architecture, opening up exiting opportunities for designers.

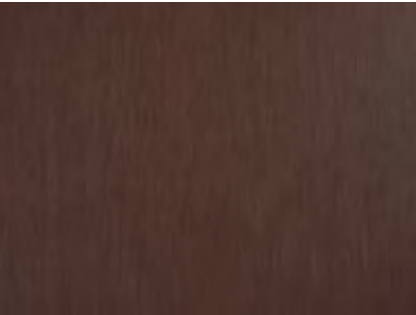
elZinc Rainbow® Green



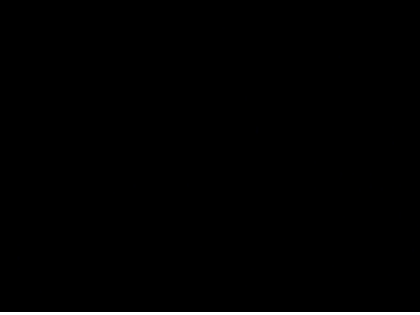
elZinc Rainbow® Gold



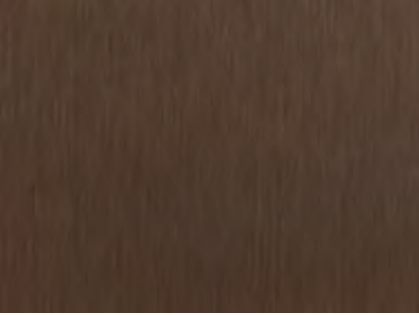
elZinc Rainbow® Red



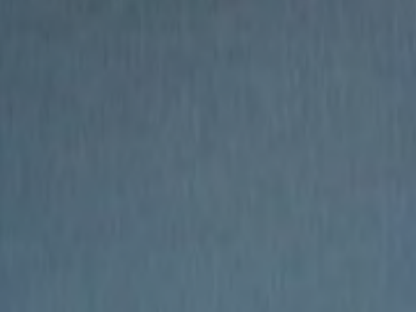
elZinc Rainbow® Ebony



elZinc Rainbow® Brown



elZinc Rainbow® Blue



UEA Student residence  
Architect: LSI Architecture  
System: Honeycomb panel  
Norwich / England

# elZinc Rainbow® Gold

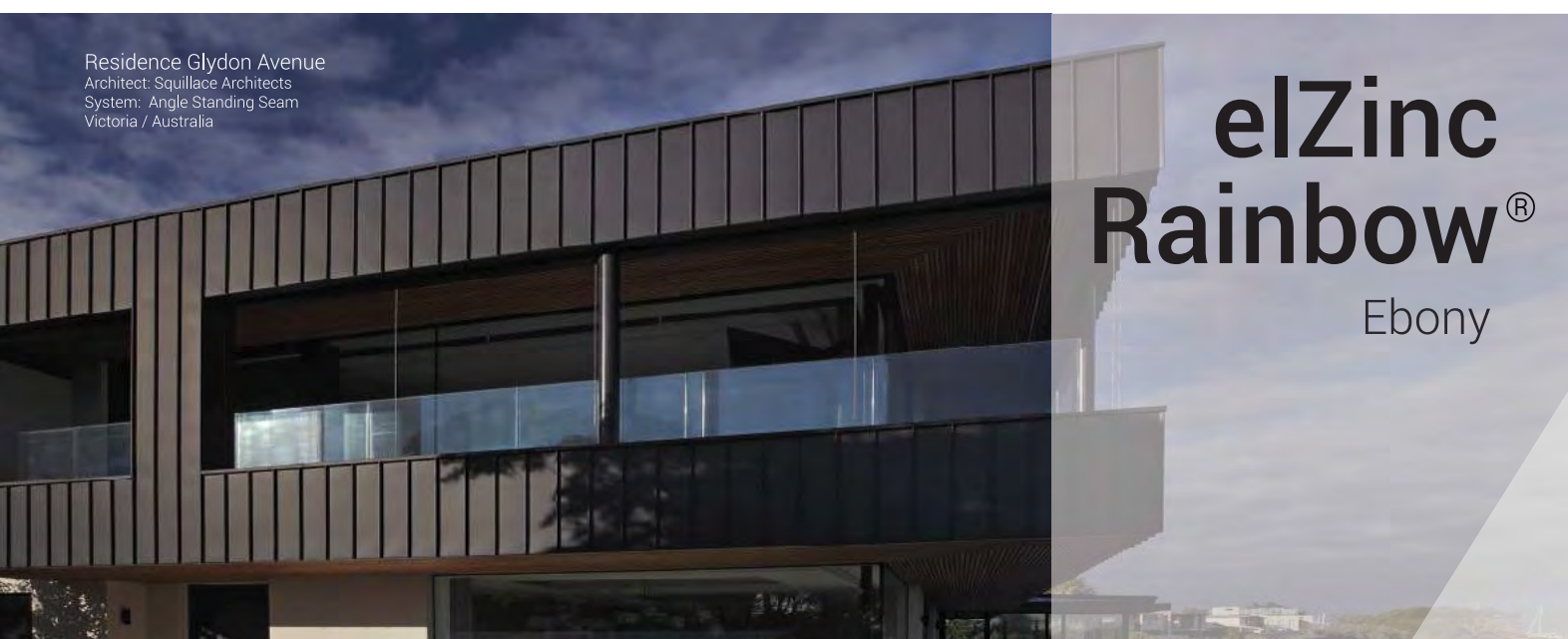
# elZinc Rainbow® Green

Individual residence  
Architect: BJK Architectural  
System: Facade panel  
Cape Town / South Africa

# elZinc Rainbow® Red

Private residence  
Architect: David Coles Architects  
System: standing seam  
England









elZinc®



elZinc®

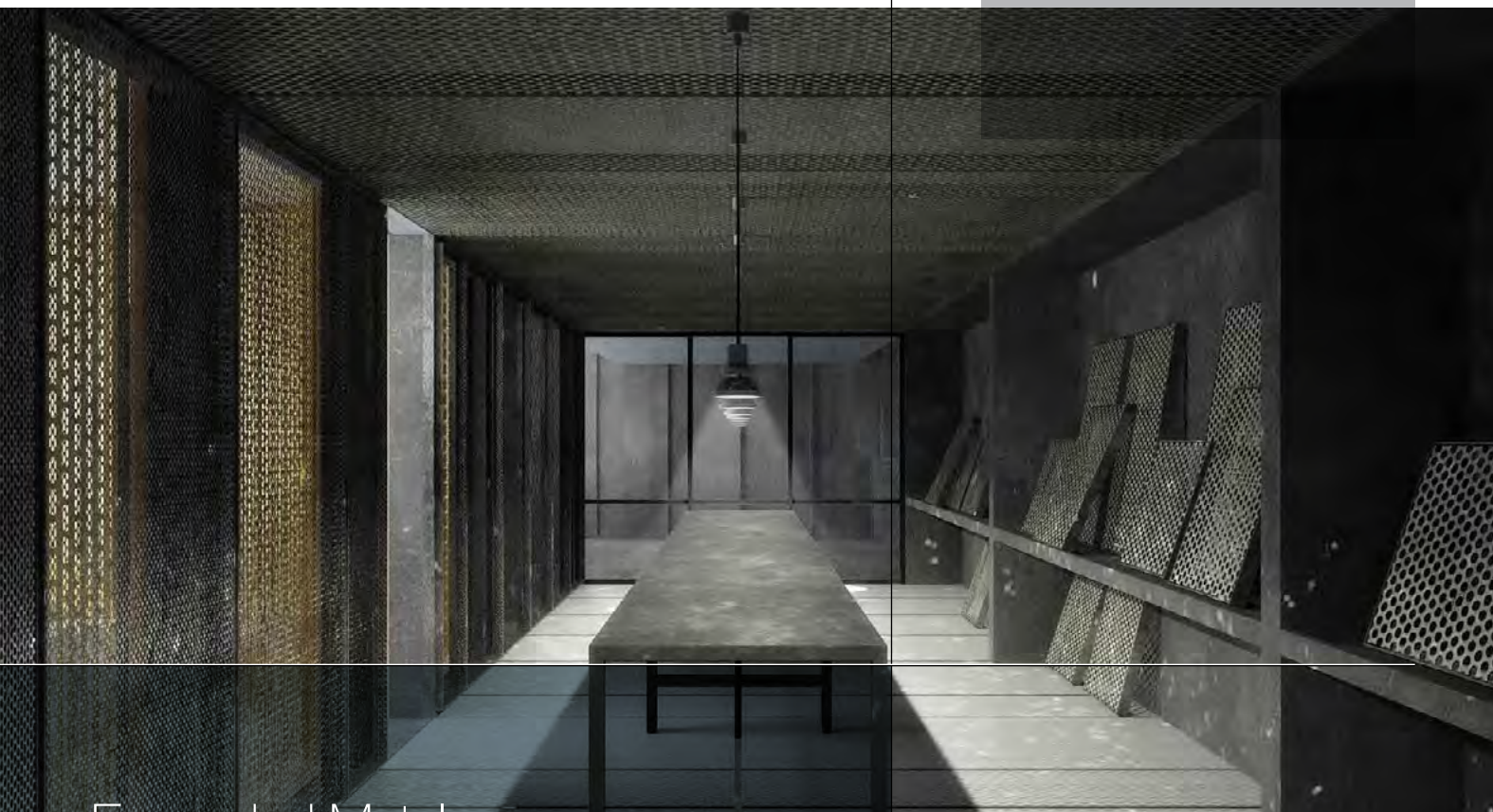






— Fratelli —  
**M A R I A N I**  
milano - since 1929





Expanded Metal

The only company  
producing wire mesh  
and expanded metal

Architectural solutions:  
**designing ahead of the curve**

**Never limit creativity. Marianitech is a division that has been operating since 2010, bringing your architectural projects to life in an innovative way.** Whether you are restoring an old building or creating a new one, we work with you to find a feasible solution that offers the best in function and design.

Our collaboration places strong emphasis on the importance of aesthetic impact and reliability, with a range of different, increasingly more versatile materials such as steel, aluminium, copper and brass. We also employ a variety of treatments suitable for any application or condition of use. The result is the highest level of customisation in terms of dimensions, design, colour and finishes. We are ready to amaze you: do you have a project in mind?

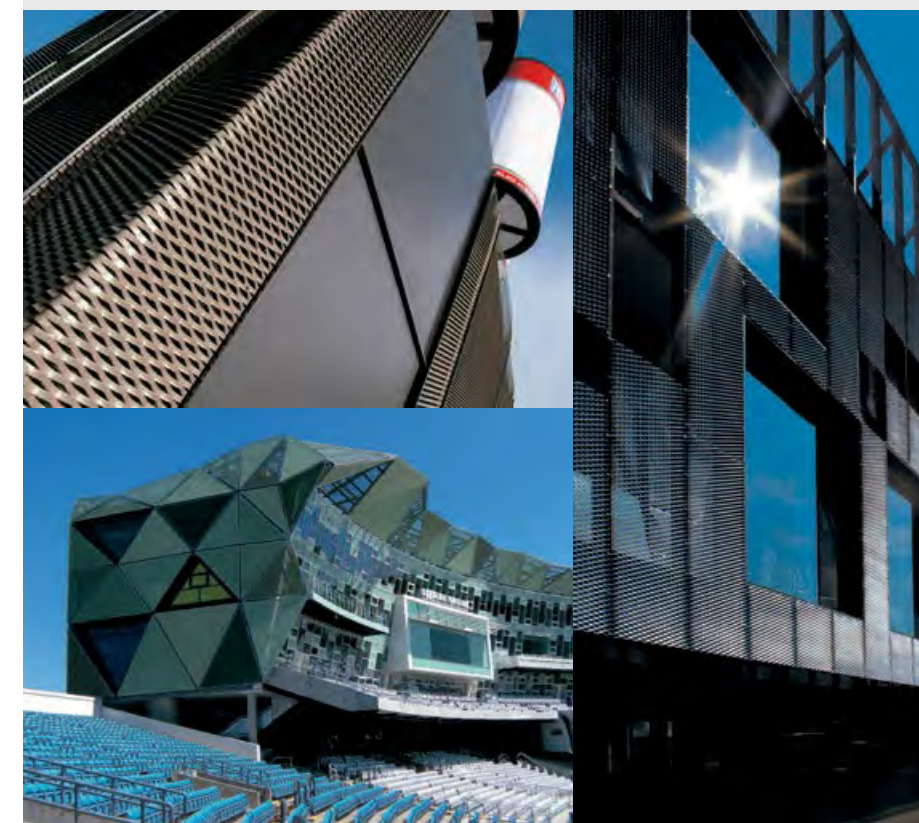
sustain  
ability

greener and greener

Our production has always been green. In fact, we work in accordance with the strictest regulations currently in force and our industrial processes do not pollute the environment: we use recyclable materials and cold machining processes, with very low emissions.

Furthermore, in line with our long-term vision, we are adopting environmentally friendly habits: we use renewable energy from solar panels and we have reduced our energy consumption through the adoption of LED lighting and gradual digitalization of some operational functions.

**Increasingly more efficient, increasingly more environmentally friendly.**

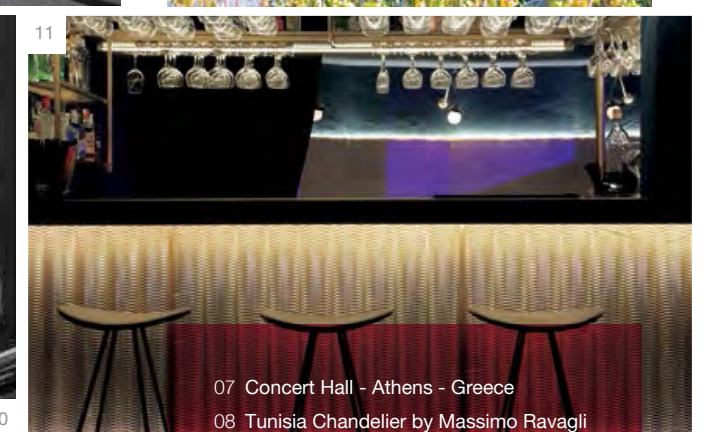
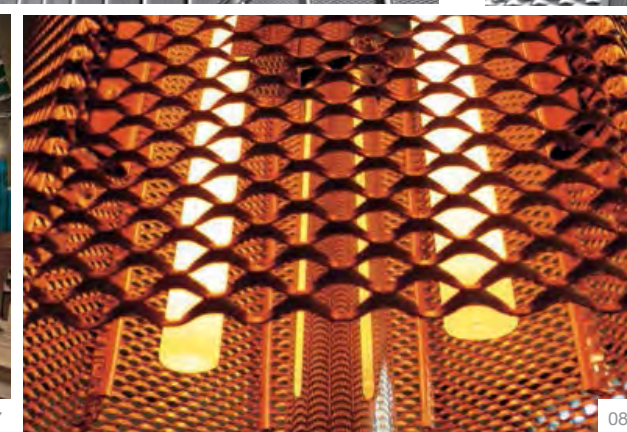
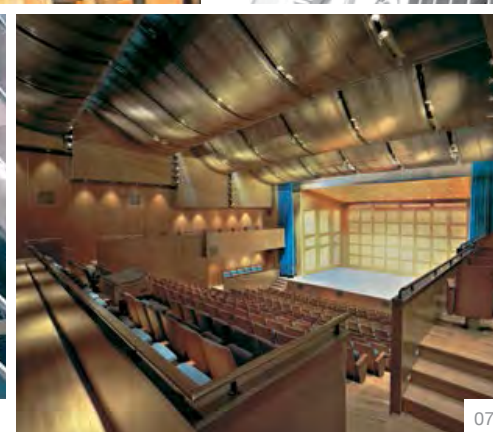
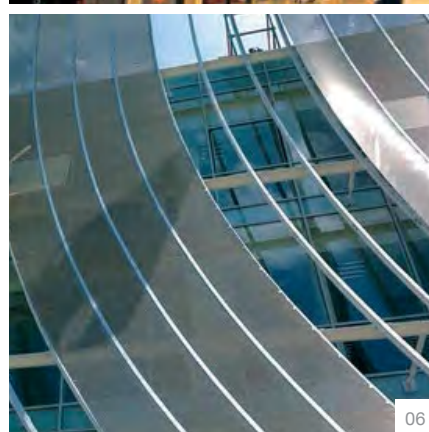
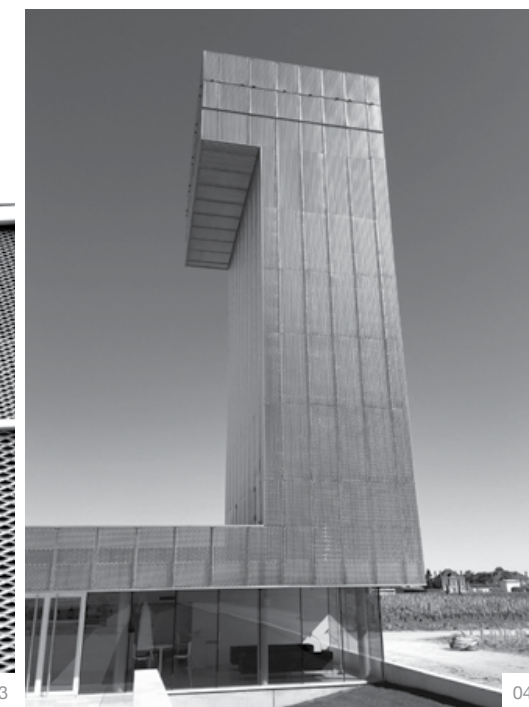
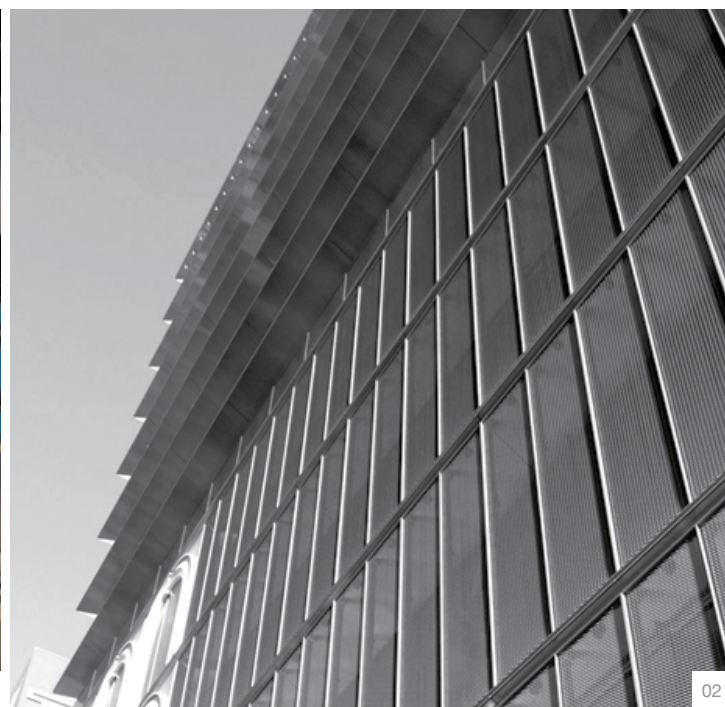


EXPANDED METAL  
 WIRE MESH  
 CONVEYOR BELTS  
 METAL CEILING  
 SYSTEMS  
 FACADES  
 FENCES  
 SUNSCREENS  
 INTERIOR DESIGN



- 01 Shopping Center MK - Milton Keynes - UK
- 02 Valentino Ginza Flagship Store - Tokyo - Japan
- 03 Westgate Tower - Norwich - UK
- 04 Château Gruau Larose - Saint-Julien-Beycheville - France
- 05 The Retreat Hotel - Dubai - UAE
- 06 Palace of Justice - Tbilisi - Georgia

# architecture gallery



- 07 Concert Hall - Athens - Greece
- 08 Tunisia Chandelier by Massimo Ravagli
- 09 Lampadario Veli by GILAB
- 10 Mazda Car Dealer - Italy
- 11 Blue Boite - Barcelona - Spain



- 0 1 Building - Milan - Italy
- 0 2 Ospedale Unico della Val d'Arda - Fiorenzuola - Italy
- 0 3 Desigual - Madrid - Spain
- 0 4 Shopping Mall Coop Settimo T.se - Torino - Italy
- 0 5 Bank of Georgia - Georgia
- 0 6 HQ Manitowoc - France



- 07 Caesars-Palace - Dubai - UAE
- 08 University of Strasbourg - Strasbourg - France
- 09 Al Munajem Building - Riyadh - Saudi Arabia
- 10 Multipurpose Hall at Lusail Sports Club - Qatar
- 11 College Bebel Ste Rose - Guadeloupe
- 12 Château Gruaud Larose - France
- S t. Julien de Beychevelle - France



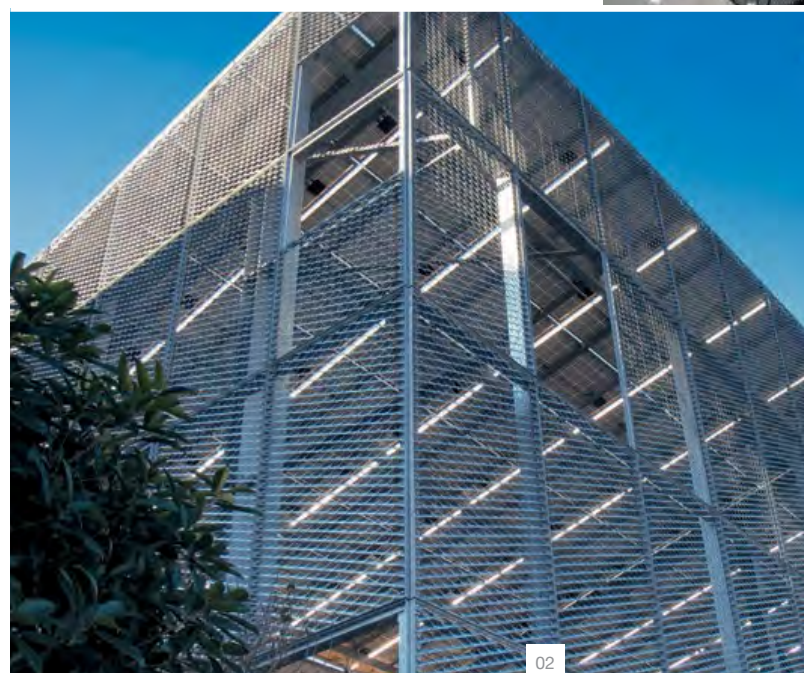


01



07

- 07 Westlegate Tower - Norwich - UK
- 08 Master Chef
- 09 MCA 198 Student Residence - Cyprus
- 10 CC. E.Leclerc - St Pierre Lès Elbeuf - France
- 11 Maracana Metro Station - Sao Paulo - Brazil
- 12 Sunscreen on Residential Building - Croatia



02



03



08



09

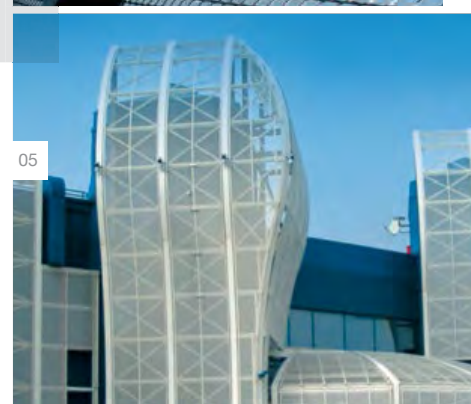


10

- 01 Lobby - Istanbul - Turkey
- 02 Metalco Headquarters - Treviso - Italy
- 03 Gordon Ramsay's Restaurant - London - UK
- 04 Ch.Campus Clamart - Paris - France
- 05 La GrandeMela Shoppingland - Verona - Italy
- 06 Redcar Vertical Pier - UK



04



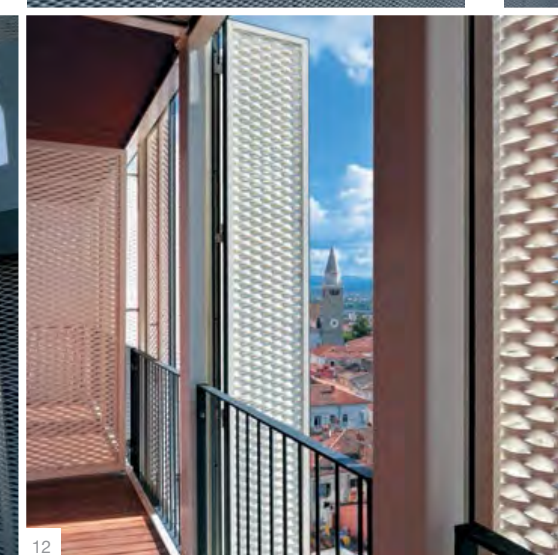
05



06



11



12





01

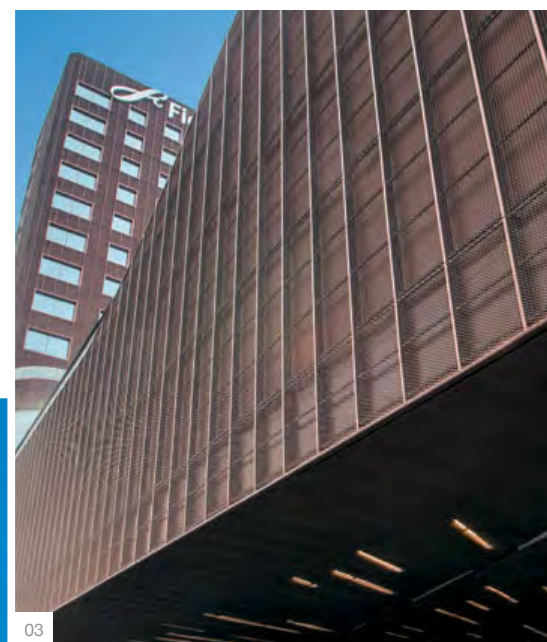


02



03

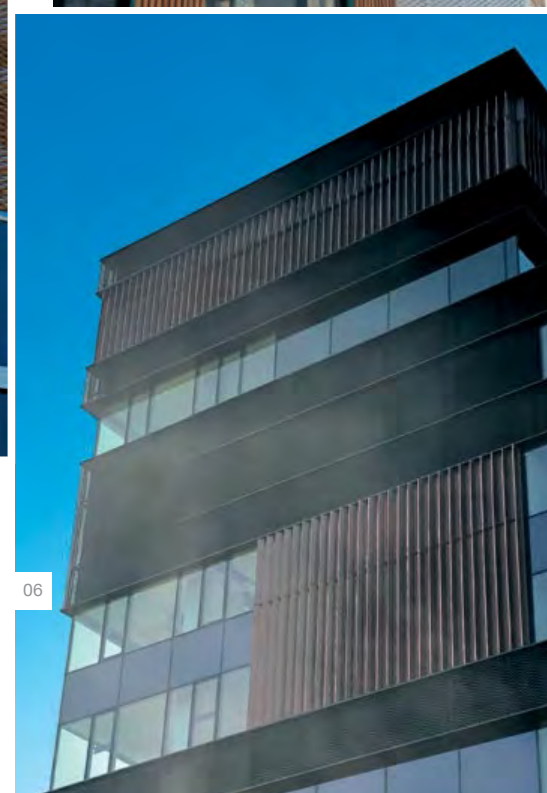
- 0 1 Offices building - Turin - Italy
- 0 2 Dubai Creek - Dubai - UAE
- 0 3 Sentura Mall - Mexico City - Mexico
- 0 4 Ch. Giennah offices - Pessac - France
- 0 5 BPGIC - Fujairah - UAE
- 0 6 Fellenoord - The Netherlands



04

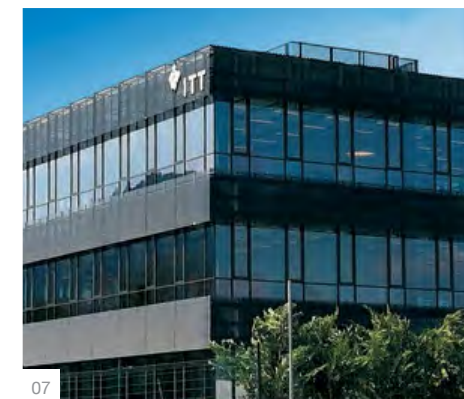


05



06

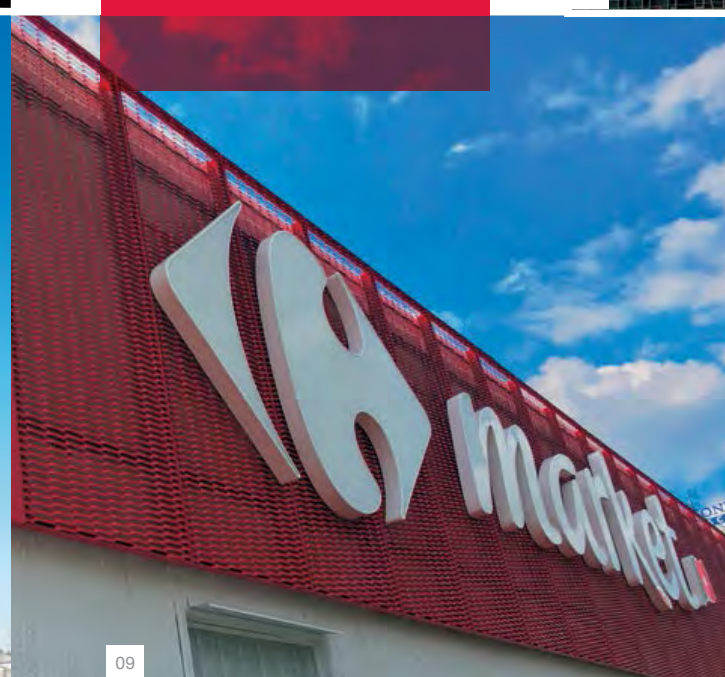
- 0 7 ITT Company - Italy
- 0 8 Boat on the Danube - Hungary
- 0 9 Carrefour Alpignano - Turin - Italy
- 0 10 Sunscreen on building - Melfi - Italy
- 0 11 Mazda car dealer - Ravenna - Italy
- 0 12 Hertsi Mall - Helsinki - Finland
- 0 13 M89 Hotel - Milan - Italy



07



08



09



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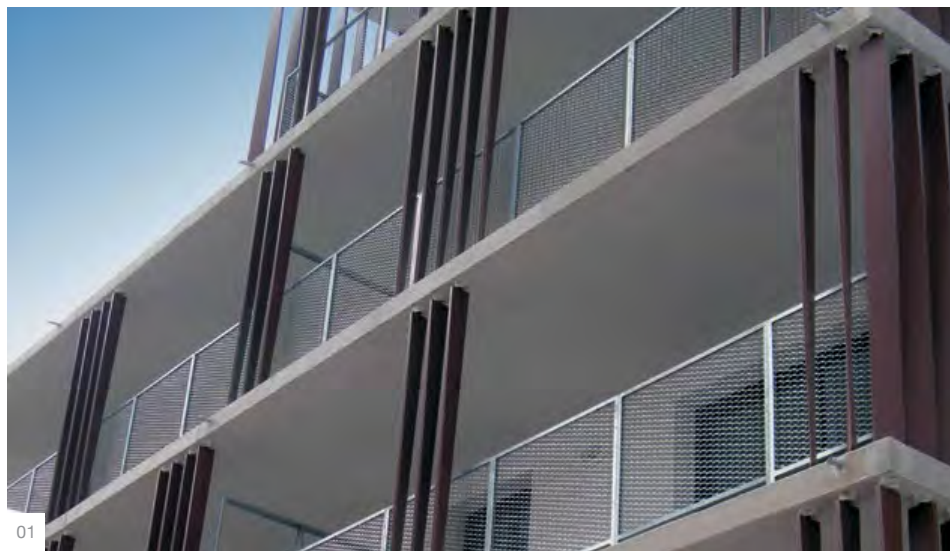


12



13





01



02



03



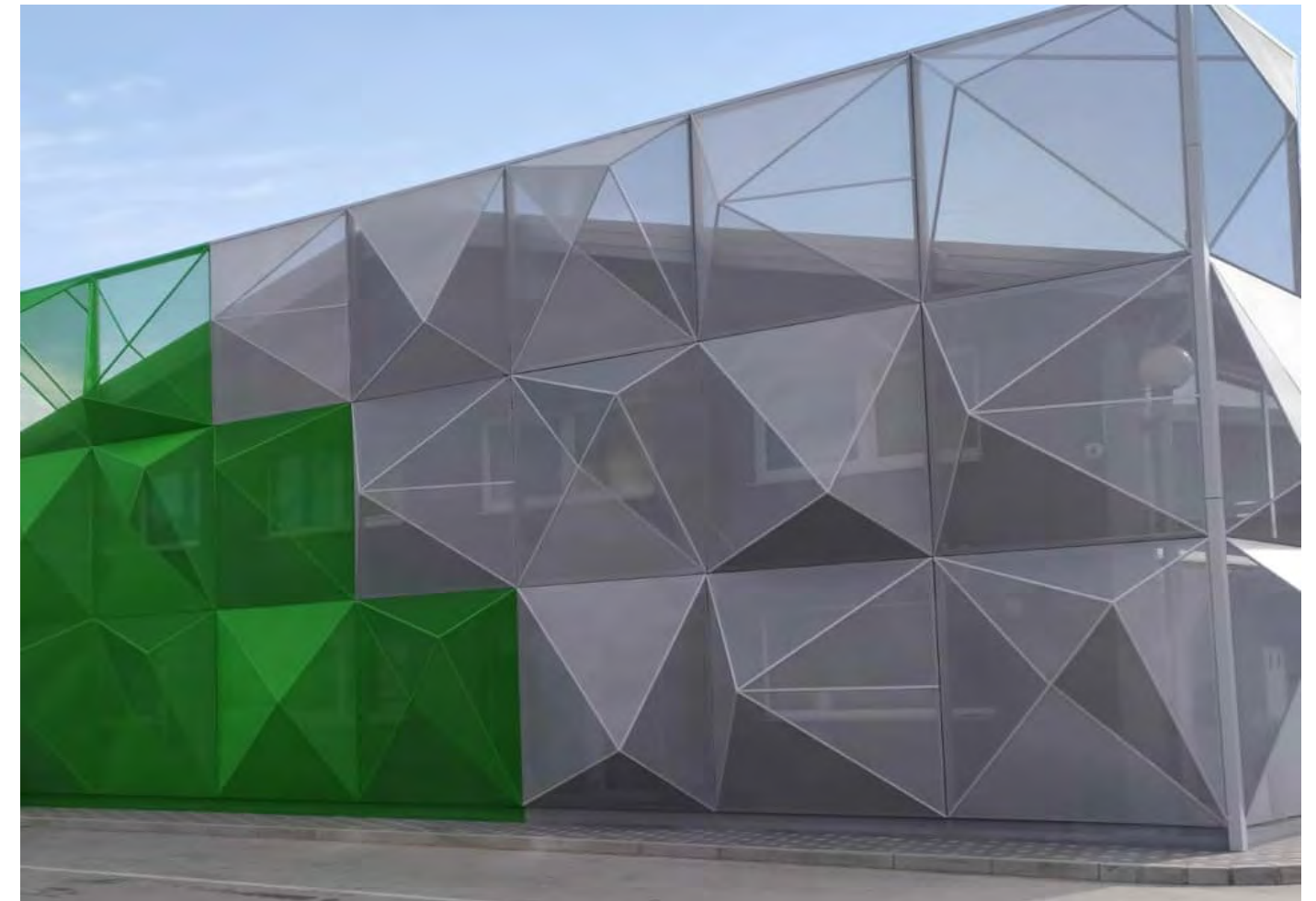
04



05

- 0 1 Residence L'Albana - Toulouse - France
- 02 Al Rosais Building - Riyadh - Saudi Arabia
- 0 3 Edificio Magnere - Santiago del Chile - Chile
- 0 4 Mulhouse Airport - France
- 0 5 Daikyocho Shinjuku - Tokyo - Japan

Fratelli  
**MARIANI**  
milano - since 1929







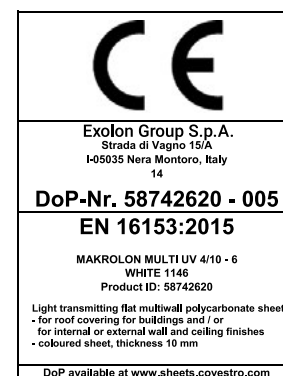
**exolon**  
GROUP





Meets your Needs

Makrolon® polycarbonate multi UV sheets from Exolon Group have a wide range of applications and are used in countless construction projects around the world. The product range extends from a simple tunnel structure to a complex ribbed geometry. Makrolon® multi UV sheets are almost unbreakable, have a low net weight, and can be curved and bent. Depending on your application, you can choose between different geometry types with properties such as high thermal insulation and/or heat isolation. The multiwall sheets are available in transparent, opal white or colour. Their versatility allows them to be used for a range of glazing applications in industrial, private or public buildings: from conservatories and verandas to greenhouses, canopies, carports, skylights, continuous rooflights, sports halls and stadiums.

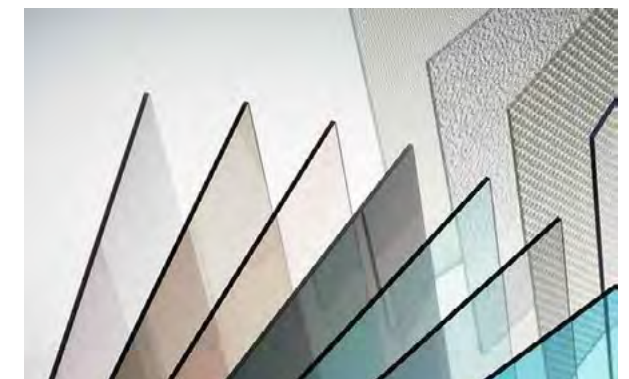


Example

makrolon®  
multi UV



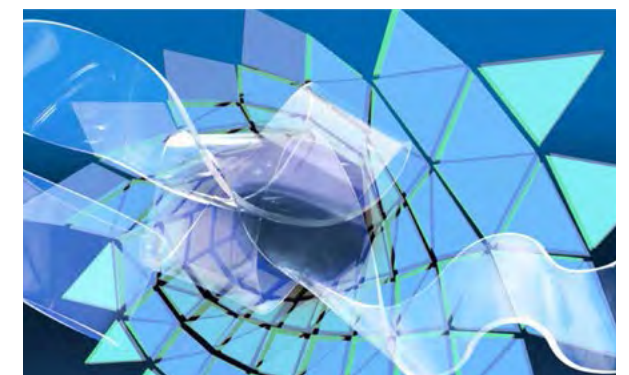
makrolon®  
Polycarbonate Solid



vivak®



axpet®







**makrolon®**  
multi UV

#### No drop

Some sheet types are available with a 'no drop'-coating. These sheets must be installed with this coating facing inwards.

The 'no drop'-coating of Makrolon® multi UV prevents damp air from forming droplets due to condensation. It disperses the condensation to a continuous film, which has minimal effect on the ability of the sheet to transmit light. Condensation flows off in a controlled manner, preventing random dripping and avoiding subsequent damage - for instance - to plants in greenhouses. The sheet dries quickly and without marks.

The 'no drop' functional layer is covered with a protective layer. This layer can be removed by washing with clear water or it will come off automatically after a while due to condensation on the sheet. The 'no drop layer' is only fully activated once the protective layer has been completely washed off.

This type of sheet is ideal for greenhouses and swimming pools.

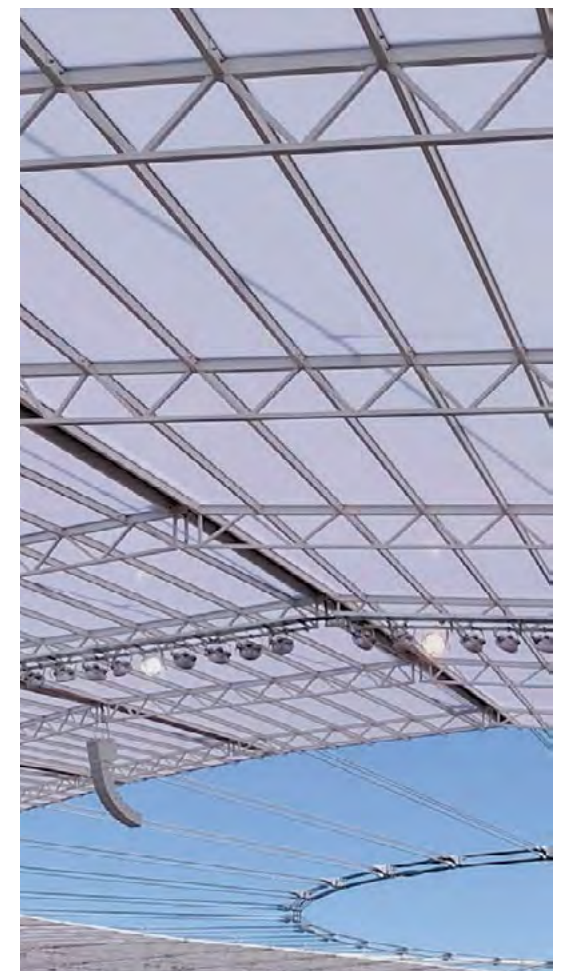
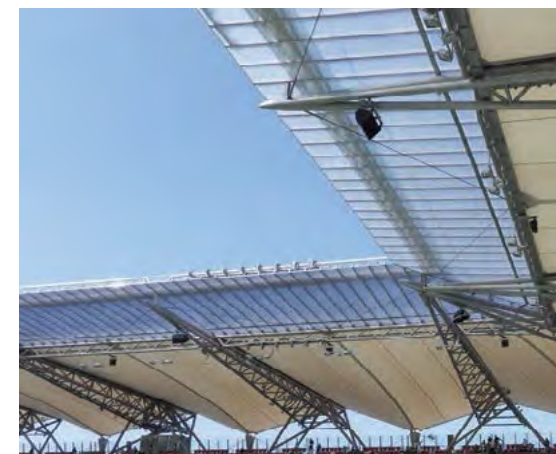
#### ES – Extra strong

This type of sheet has increased layer thicknesses, which improve load-bearing characteristics and offer greater stability. They are available on request and can be adapted to special requirements in large-scale projects, such as football stadiums.

#### THE POLYCARBONATE MULTIWALL SHEET



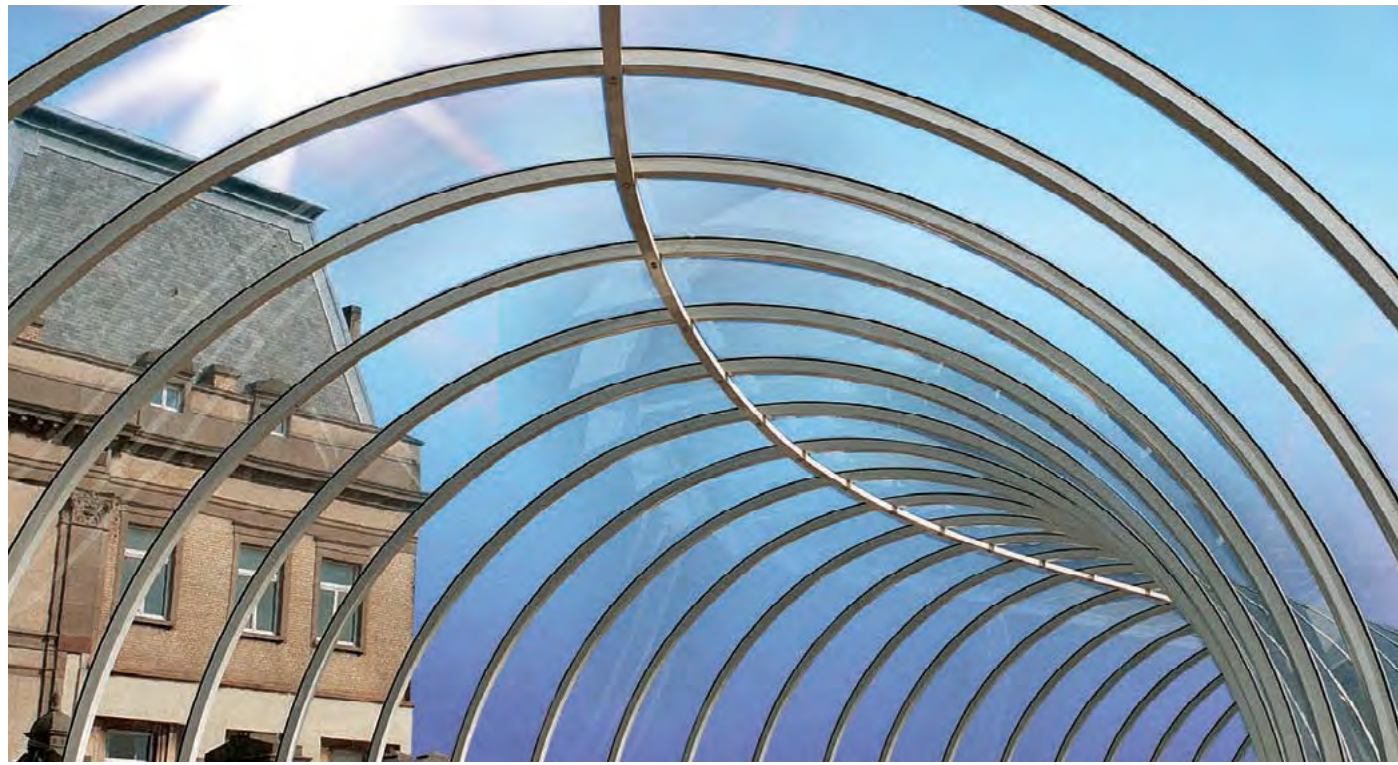
Makrolon® multi UV clear 4099 no drop.







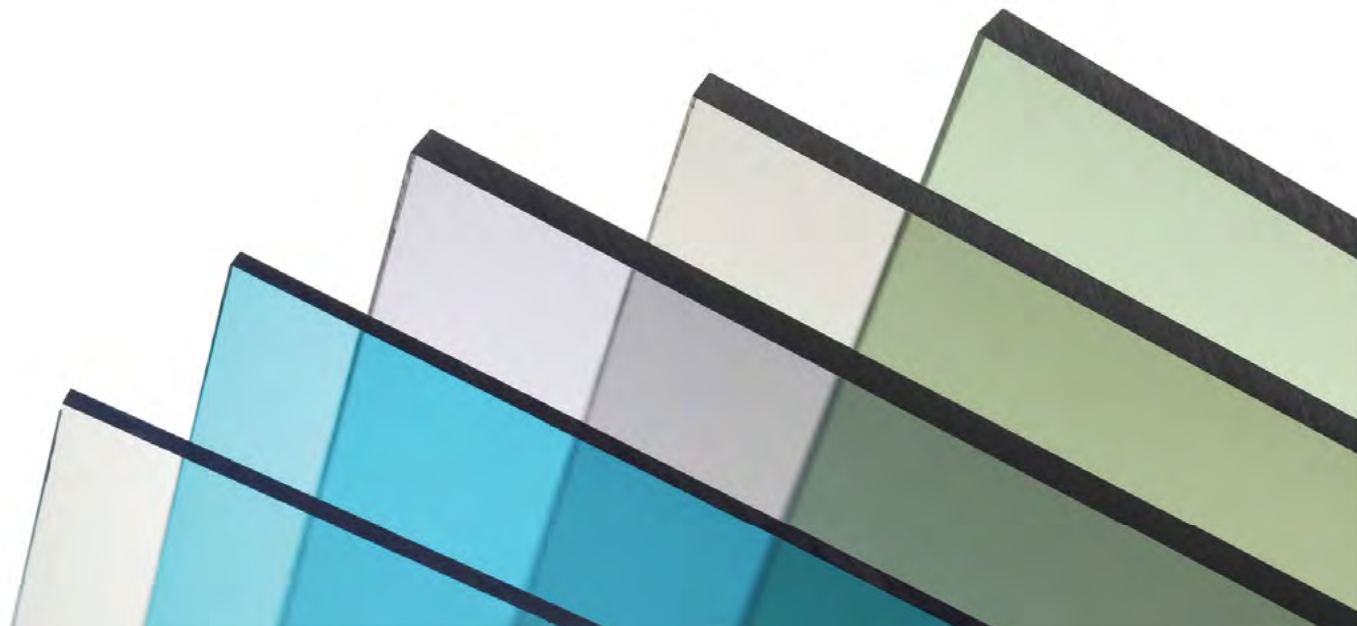




**makrolon®**  
Polycarbonate Solid

**exolon**  
GROUP

**Makrolon® UV ClimateControl**  
Invisible thermal insulation.  
Naturally.





# Makrolon® Silent Sound

The transparent solution for noise Protection

## Makrolon® Silent Sound

Exolon Group is a leading manufacturer of polycarbonate sheets with the trademark Makrolon®. Benefit from our many years of experience in sheet extrusion and make us your partner for noise protection applications! With Makrolon® Silent Sound solid sheets, you can count on the highest quality – you will notice the difference in workmanship. Take a look for yourself!

## Less noise, better quality of life

Noise barriers reduce noise pollution enormously on motorways with heavy traffic, dual carriageways and railways and give the people in the neighbourhood a new feeling of life. Nice and quiet, instead of an annoying noise. Makrolon® Silent Sound sheet, 18 mm thick and weighing in at around 22 kg/m<sup>2</sup>, reduces the noise level by a noticeable 34 dB (DL<sub>p</sub>) (certified according to DIN EN ISO 717-1 by the Fraunhofer Institute for Building Physics, Stuttgart).

## Makrolon® – strong and tough

Noise barriers from Makrolon® meet the acoustic requirements for noise reduction and the demands of road safety, stability, and structural durability. Makrolon® Silent Sound sustainably reduces noise and is certified according to DIN EN 1793-2 (Noise protection measures on streets – test procedure for the determination of acoustic properties). Makrolon® Silent Sound is suitable for use on high-speed railways for speeds of up to 250 km/h according to the 'Leitfaden für die Zulassungen für Wandelemente von Lärmschutzwänden' (Guidelines on the approval of noise-protecting wall panels).

## An unbeatable security package

### Transparency which endures

With Makrolon® Silent Sound, a service life of around 50 years can be expected without the material experiencing any adverse effects from weather or having its resilience compromised. This is achieved by means of specially developed UV protection, making the solid sheets conform to the latest demands in infrastructure development. We issue a 15 year limited warranty for unbreakable strength and optical quality as standard.

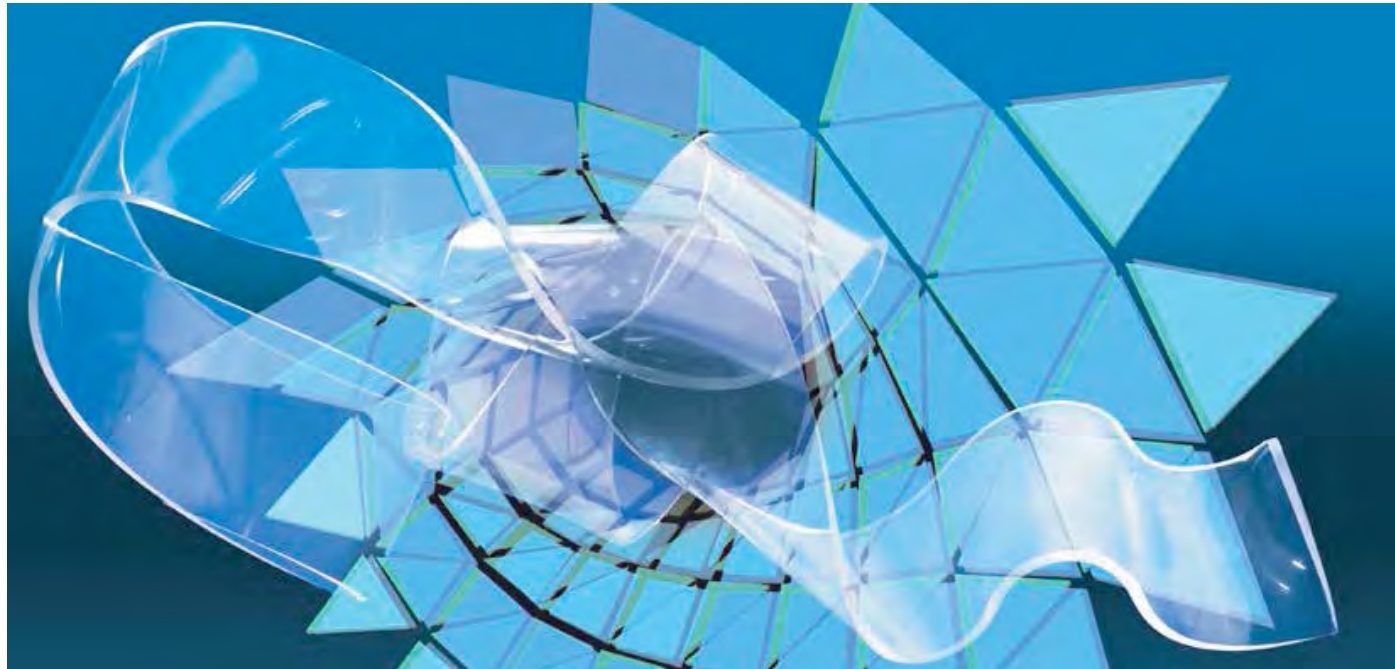
The pendulum impact test and drop hammer test in compliance with DIN-EN 1794 - 2:2009 Annex B confirm the material's high impact resistance even under extreme freezing conditions. In concrete terms, this means that no additional collection devices for possible falling objects are necessary.

## Say goodbye to vandalism

Regardless of attempted vandalism or graffiti, Makrolon® Silent Sound BF AR is finished with an abrasion-resistant anti-graffiti coating which means graffiti doesn't stand a chance. The solid sheet meets the requirements for graffiti-resistance in accordance with NF F31-112.

In the event that the noise barrier should be defaced, any graffiti can be almost completely removed from the panel using a special cleaning agent. Further information is available in our separate technical documentation.





**Multi-faceted variety.**  
Always in good shape.

**VIVAK®**  
**axpet®**



**Vivak® and Axpet® – simply safe**

Both types of solid sheets can easily be processed with conventional tools.

- Sawing
- Cutting
- Stamping
- Drilling
- Milling
- Embossing
- Laser cutting
- Forming
- Cold-edging (Axpet®)

**Surface finishing**

Depending on the application and area of use, the sheets can be finished by painting, silk-screen, transfer printing or flame polishing.

Detailed information on processing can be found in our technical documentation on the topics 'Machining and forming'.



## Vivak® copolyester sheets – create flowing, dream-like shapes.

### For your thermoformable ideas

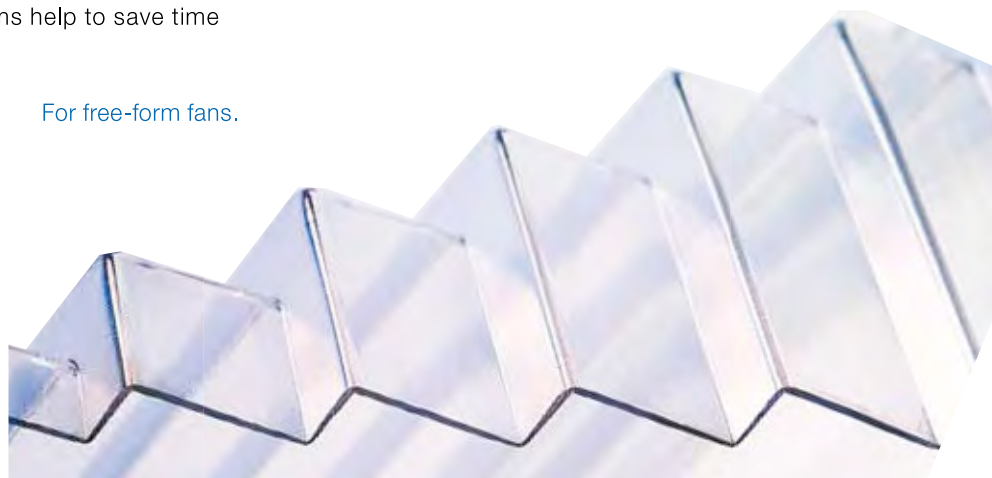
Vivak® sheets are especially light, break and impact-resistant even at low temperatures, weather-resistant and highly transparent. These sheets are easily printable and highly suitable for food-contact applications. Because they can easily be thermoformed, energy consumption is kept down whereas productivity is high.



#### The thermoformable sheet: Vivak®

Vivak® the thermoformable plastic sheet, is available in a variety of thicknesses and colours. These versatile copolyester sheets combine superior thermoforming properties with very good mechanical characteristics. Vivak® sheets can be thermoformed into any desired shape. They offer almost unlimited freedom of design when making three-dimensional parts. Shorter production times and less material wastage when creating complex forms help to save time and keep costs down.

For free-form fans.



#### The weather-resistant sheet: Vivak® UV

Vivak® UV sheets are particularly weather-resistant and ideal for exterior applications. As an added extra in addition to these properties, they come with a 10-year warranty on impact strength, clarity and transparency.

For outdoor fans.

## Axpet® polyester sheets – for corners and edges.

### The flexible cold bending plastic sheet

Their cold bending properties, excellent chemical resistance, flexibility and consistently high quality make Axpet® sheets truly impressive. This is due to the carefully selected raw material, an extensive quality management system and production processes certified according to EN ISO 9001. Since they are light and inexpensive to process, these sheets offer an excellent alternative to other high-performance plastic sheets.



#### The durable and precise sheet: Axpet®

The Axpet® brand features transparent cold-bending plastic sheets. They are available in clear transparent and white translucent versions. For non-reflecting applications, you can choose the product type Axpet® NR, which is fitted with a non-reflecting matt surface on one side.

Thanks to their excellent fatigue strength, the sheets can be used in the same way as carton or full-strength cardboard, for example for folding displays. By adding a fold or a flute to the sheet and folding along this line, a kind of hinge can be created which can be opened and closed thou-

sands of times without breaking. Adding a fold or flute without folding the material enables fold-out displays to be created. These can be sent to the user unfolded so that they can be folded before use. This cuts down on packing, storage and transport costs.











PANELS AND SYSTEMS  
IN MULTIWALL POLYCARBONATE

The partner  
for the building industry  
changing together with you.



Company certified  
UNI EN ISO 9001:2008  
certificate no. SQ093055

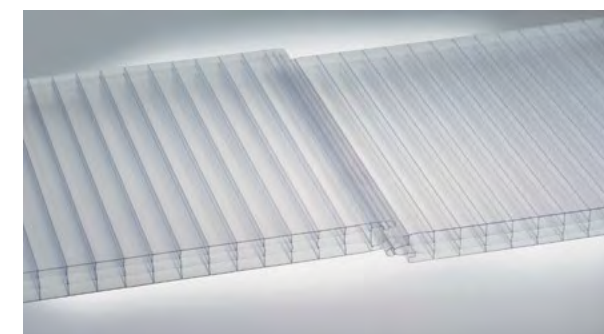


Polycarbonate Panels

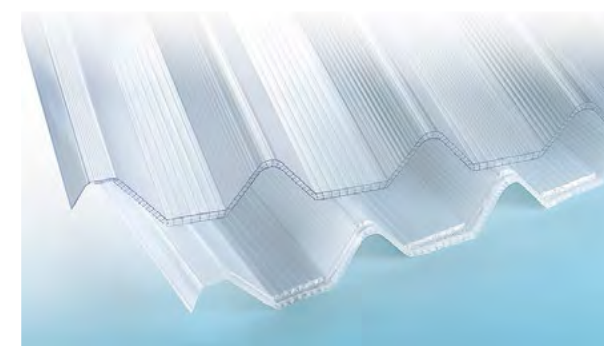
**EASYPiU**



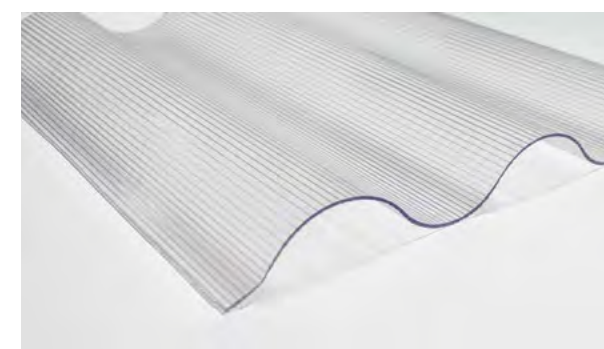
**PANELPiU**



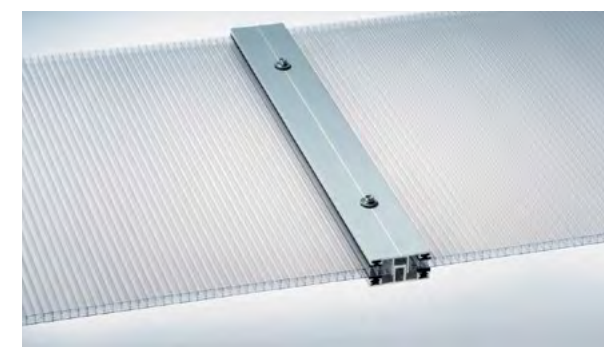
**GRECAPiU**



**LIGHTPiU**



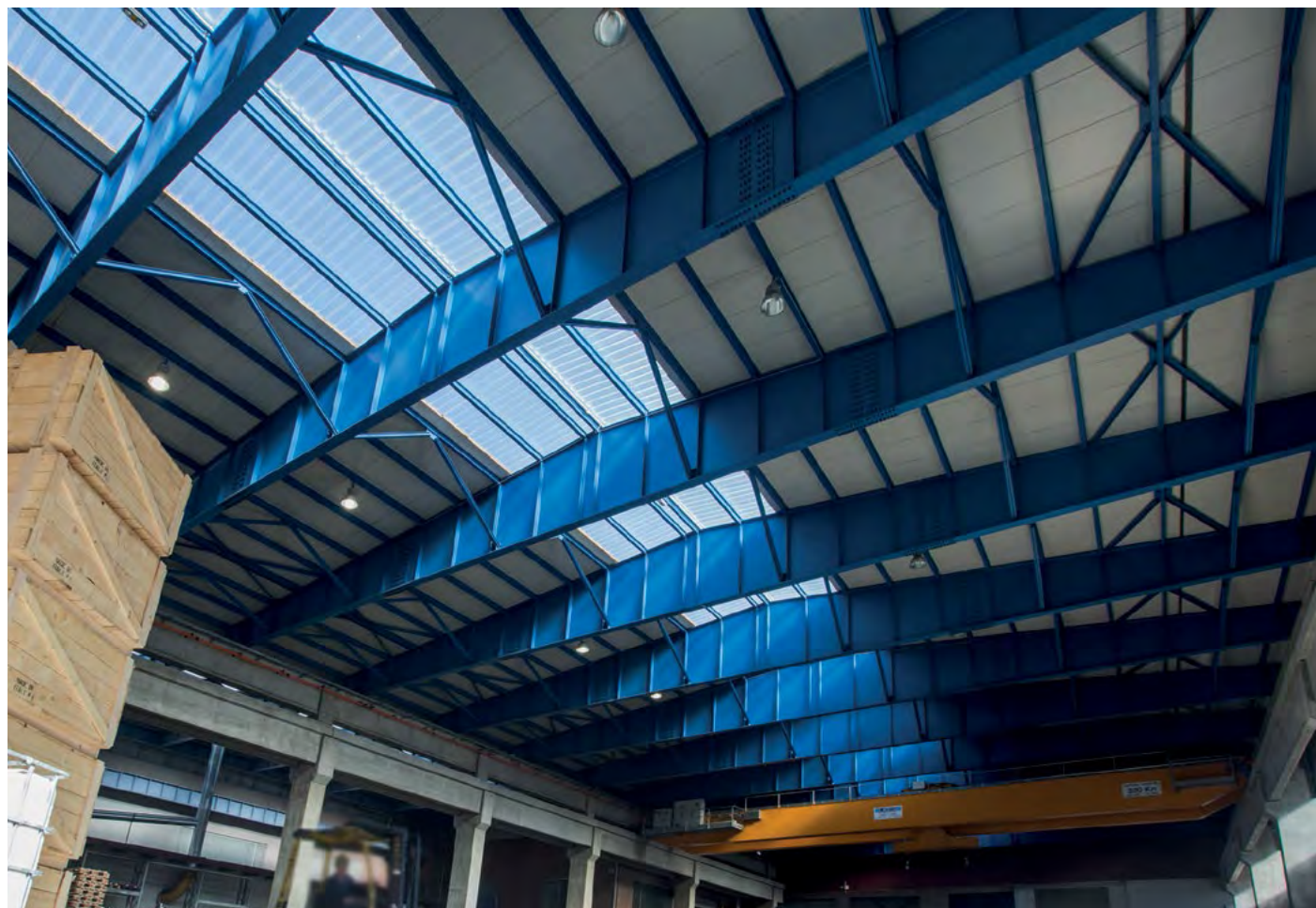
**carboPiU**



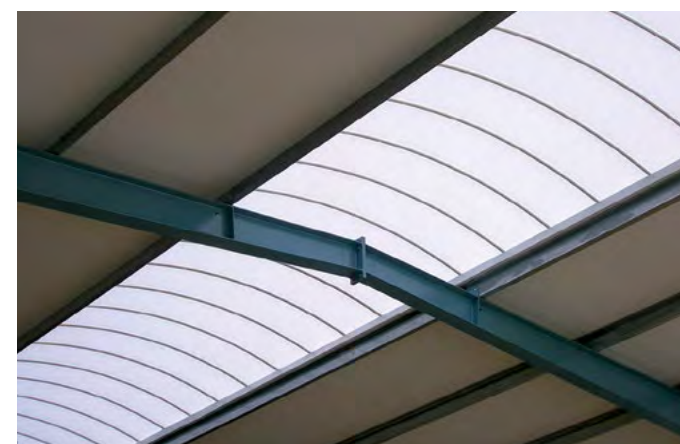
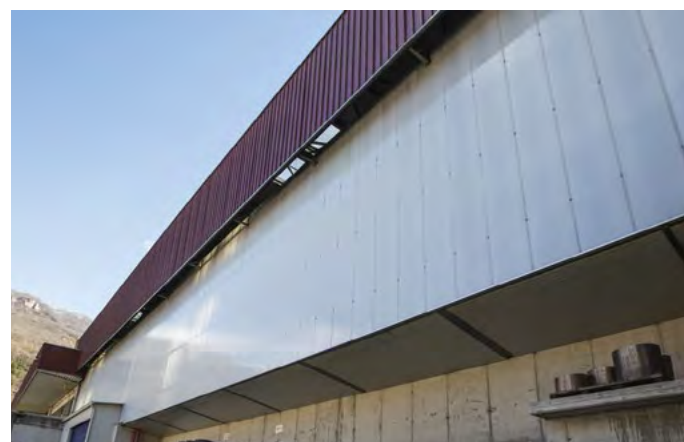








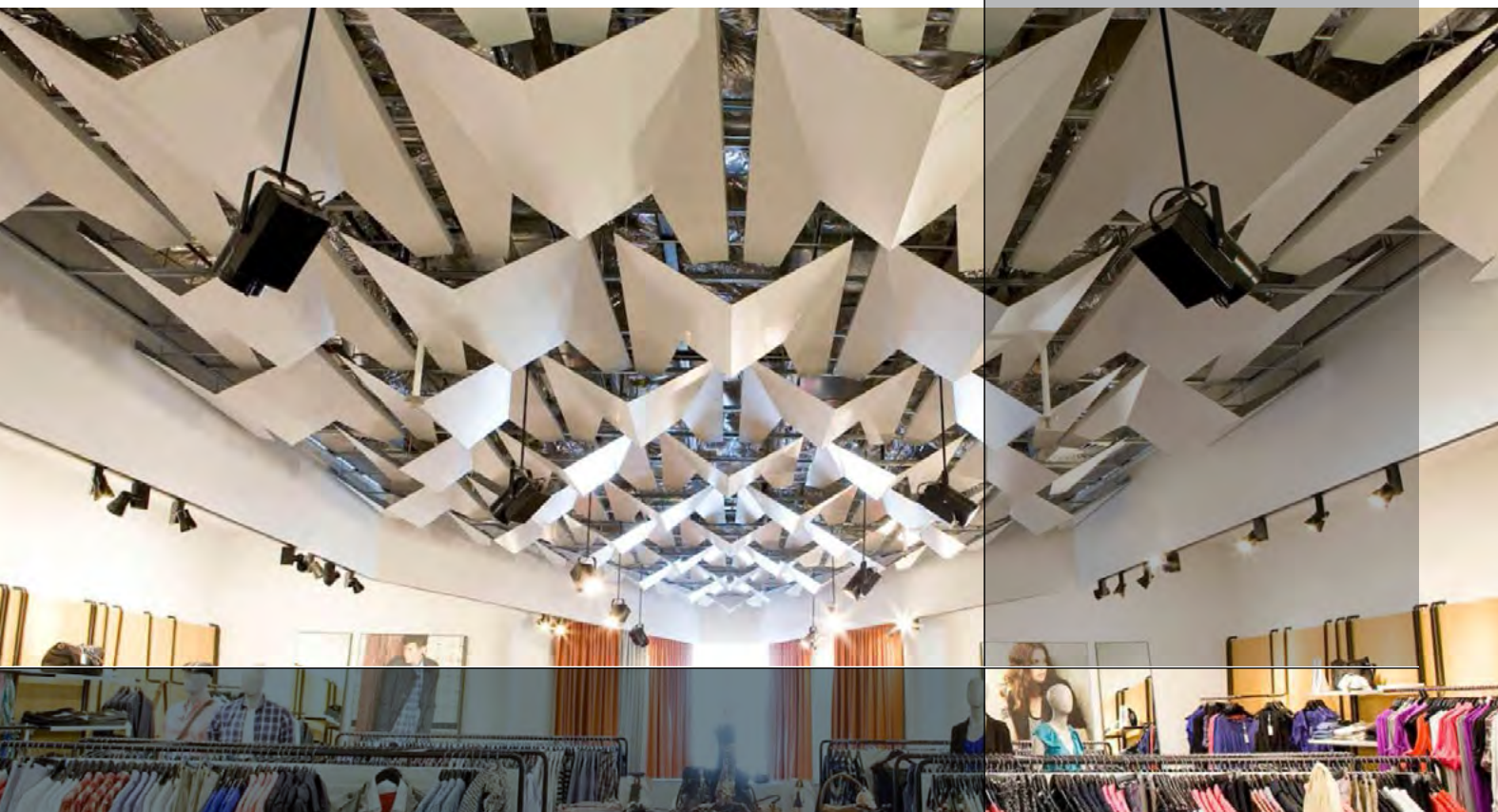












DESIGN · PROMOTION · PRINT

3A Composites Display Europe, an international division of the 3A Composites Group and part of Schweiter Technologies AG, is active internationally. We are the leading manufacturer of sheet materials for the field of visual communication, along with the Polycasa Group and Perspex International Ltd.

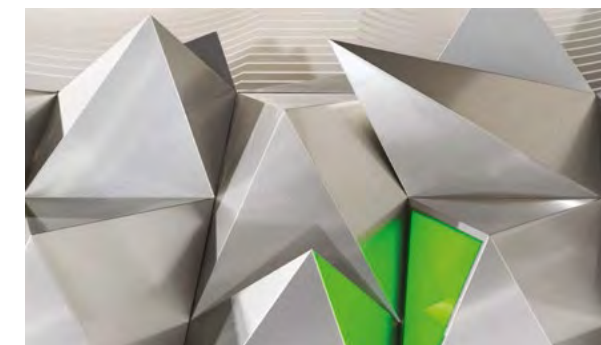
On the following pages, we would like to present our wide and diversified product portfolio. This variety means that we can offer our customers a unique and perfectly coordinated range of products– and everything is from a single source.

The main areas of application for our products include: digital and screen printing, exhibition booth construction and shop fitting, interior and shop design, photo-mounting as well as signage, POS /POP displays and furniture construction .

YOUR VISION. OUR BRANDS. ENDLESS POSSIBILITIES.

## **DIBOND®**

Aluminium Composite Sheets



## **CRYLUX® POLYCASA**

Acrylic Sheets



## **FOAMALITE®**

Pvc Sheets



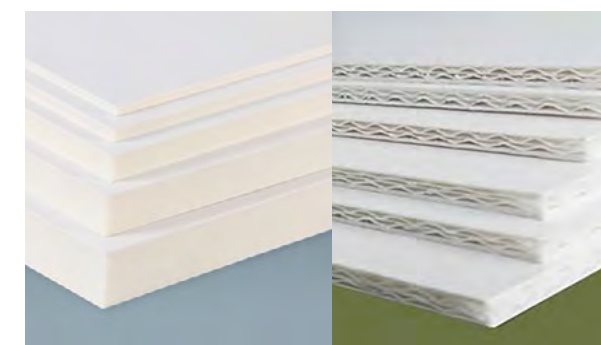
## **SMART-X®**

Styrenics



## **FOAM-X® DISPA®**

Paper and Lightweight Foamboards





# DIBOND®

## PRODUCT

DIBOND® is the original aluminium composite sheet, comprising two 0.3 mm thick aluminium cover layers and a polyethylene or mineral core. It is lightweight – extremely rigid and strong, making it ideal for both indoor and outdoor applications.

DIBOND® is used predominately in the areas of signage, product and furniture design, shopfitting, interior design, shop design as well as trade fair and exhibition design.

DIBOND® is the perfect material for producing creative ideas due to its wide range of high-quality surfaces, easy processing and durability.

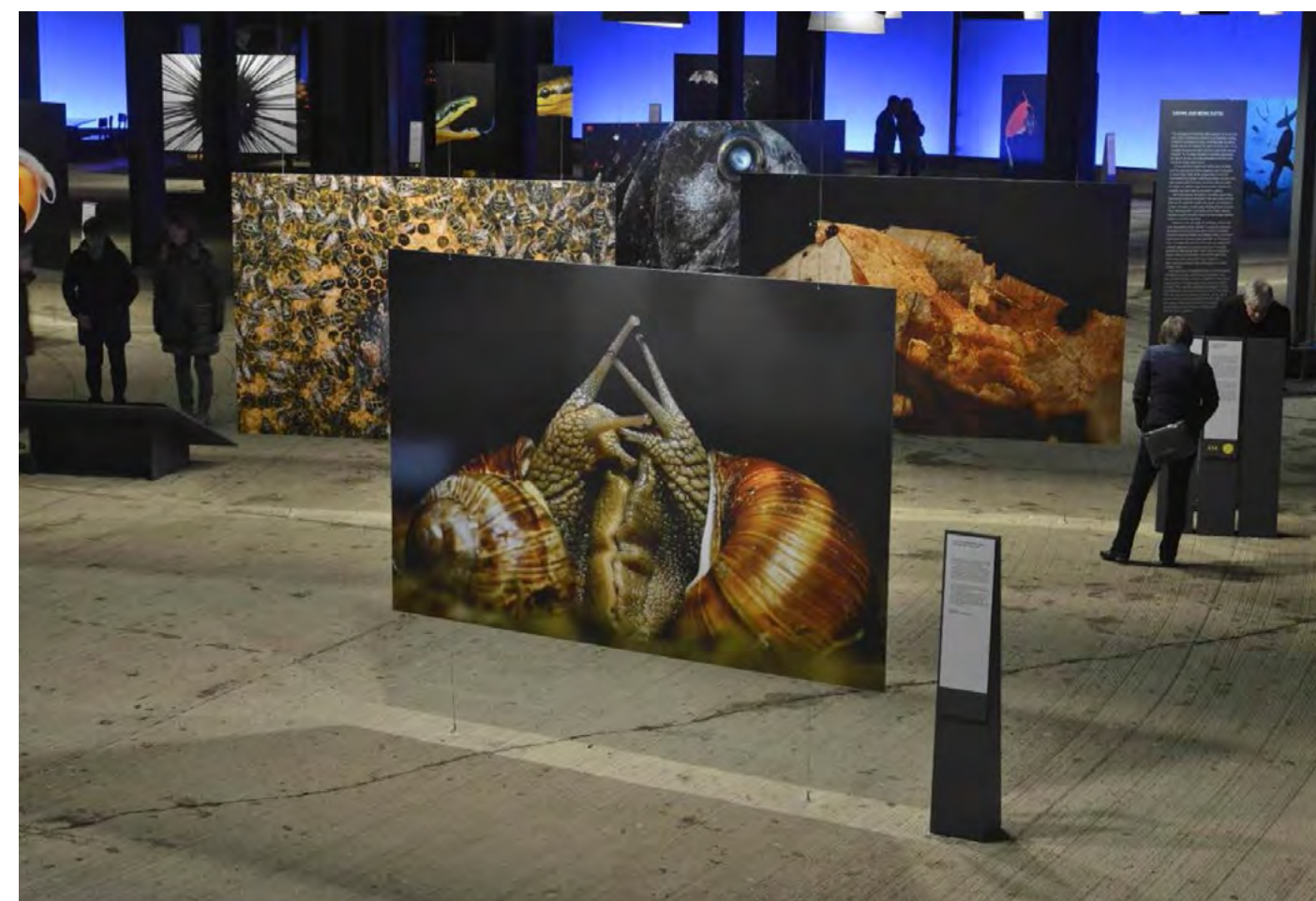
All products provide the ideal ambience for successful customer communication and their unique, consistent design conveys a tangible brand image to the customer.



QUALITY MEETS DESIGN.



DIBOND® METALLIC GOLD









When looks really matter, acrylic glass (PMMA) is the perfect choice due to its high transparency, durability and UV stability.

CRYLUX® is an acrylic sheet material which comes into its own when visual impact is key. It is made of cast polymethyl methacrylate (PMMA) and is perfect for a range of purposes: for corporate signage, shopfitting, the building industry or individual pieces of furniture. The product's perfect transparency is ideal for display applications and visual communication as it comes not only in clear transparent but also in lively, vibrant colour shades. Thanks to easy processing options using most standard processing techniques, it offers great scope for appealing design aesthetics.

**CAST ACRYLIC IN LIVELY, VIBRANT COLOURS.**



The colour spectrum includes special gloss grades (CRYLUX® Argenta), luminous, fluorescent colours (CRYLUX® Neon) and anti-reflective matt surfaces (CRYLUX® Design). In addition, there are several product versions tailored to suit the specific requirements of individual applications: CRYLUX® UVP (extra ultraviolet protection) provides especially good protection against UV radiation, CRYLUX® UVT is transparent for UV-A rays (ultraviolet transmitting) as well as partially for UV-B rays, CRYLUX® Beauté with enhanced chemical resistance, CRYLUX® Anti-Bacteria with antimicrobial and fungicidal protection and CRYLUX® Lumina, Optima and Vision, which are specially designed for use with LED lighting or as a projection screen.









# FOAMALITE®

## PRODUCT

FOAMALITE® rigid PVC foamboards are a range of plastic boards for applications in the field of visual communications. Used as a print substrate or as a creative, coloured or co-extruded sheet, FOAMALITE® always delivers what it promises.

FOAMALITE® premium makes the perfect display board for exhibition booths, POS / POP displays or even signage as it is lightweight and also offers excellent dimensional stability.

Thanks to its smooth, white, flat surface, FOAMALITE® x-press is the ideal choice for outstanding printing results.

FOAMALITE® color offers a choice of nine different colour tones all providing optimum colour consistency and uniform colour effects.

FOAMALITE® plus is a co-extruded rigid PVC foam sheet consisting of high-quality white cover layers and a black recycled core. The hard, smooth, bright white surface provides extra robustness and scratch resistance in comparison with standard PVC sheets.

RELIABLE CHOICE =  
EXCELLENT OUTCOME.



PVC







**FOAMALITE®**







**FOAMALITE®**







**FOAMALITE®**













# SMART-X®

## PRODUCT

SMART-X® is a distinctive lightweight foamboard for demanding visual communication applications.

This extremely lightweight, all-plastic board with weather and UV-resistant cover layers in impact-resistant solid polystyrene (HIPS) and a core of foamed polystyrene is completely insensitive to moisture. These properties mean that it is a lightweight material which can be used in outdoor applications for a period of up to two years without significant colour change.

SMART-X® is also an optimal substrate for direct digital printing due to its smooth surface structure and availability in large formats (up to 2 metres wide).

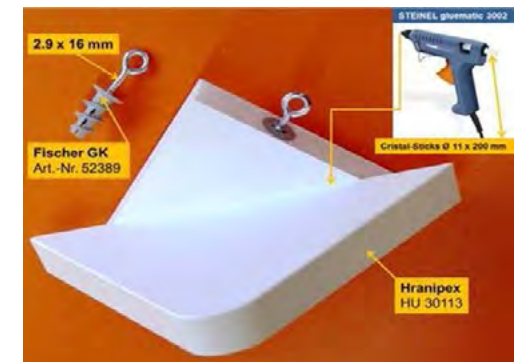
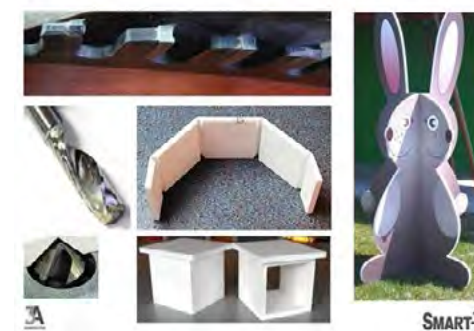
In addition, SMART-X® is a mono-material composite made from polystyrene and is therefore 100% recyclable.

STYRENICS

## DISTINCTIVE AND UNIQUE FOR SOPHISTICATED ADVERTISING.



Printed directly – trimmed or routed – bent – assembled









## PRODUCT

FOAM-X®, a lightweight foamboard with a polyurethane foam core and coated multi-layered recycled paper liners. FOAM-X® is suitable for indoor applications. The material provides an ideal weight-stability-ratio. Additionally, FOAM-X® can be processed very easily with manual tools.

FOAM-X® foamboards are particularly suitable for short-term, indoor applications such as POS/POP displays, suspended signs for decoration and passepout picture frames.

## THE INDOOR ALLROUND BOARD.



PAPER AND  
LIGHTWEIGHT  
FOAMBOARDS





## PRODUCT

DISPA®, a 100% FSC® certified paper board (FSC® C127595), is 100% recyclable. The unique structure of the embossed paper core in DISPA® boards makes them strong and rigid and the ideal sustainable material for short-term indoor promotions.

DISPA® delivers everything you would expect from a board designed for signage and display purposes – flat, smooth surfaces, excellent printability, rigidity and strength.

In addition, DISPA® is easy to process – even in 3D! The use of a creasing wheel with a specific embossed geometry facilitates creative folding techniques. DISPA® can be folded into different angles and can create complex designs thanks to this double-line creasing.



100% PAPER – 100% RECYCLABLE.



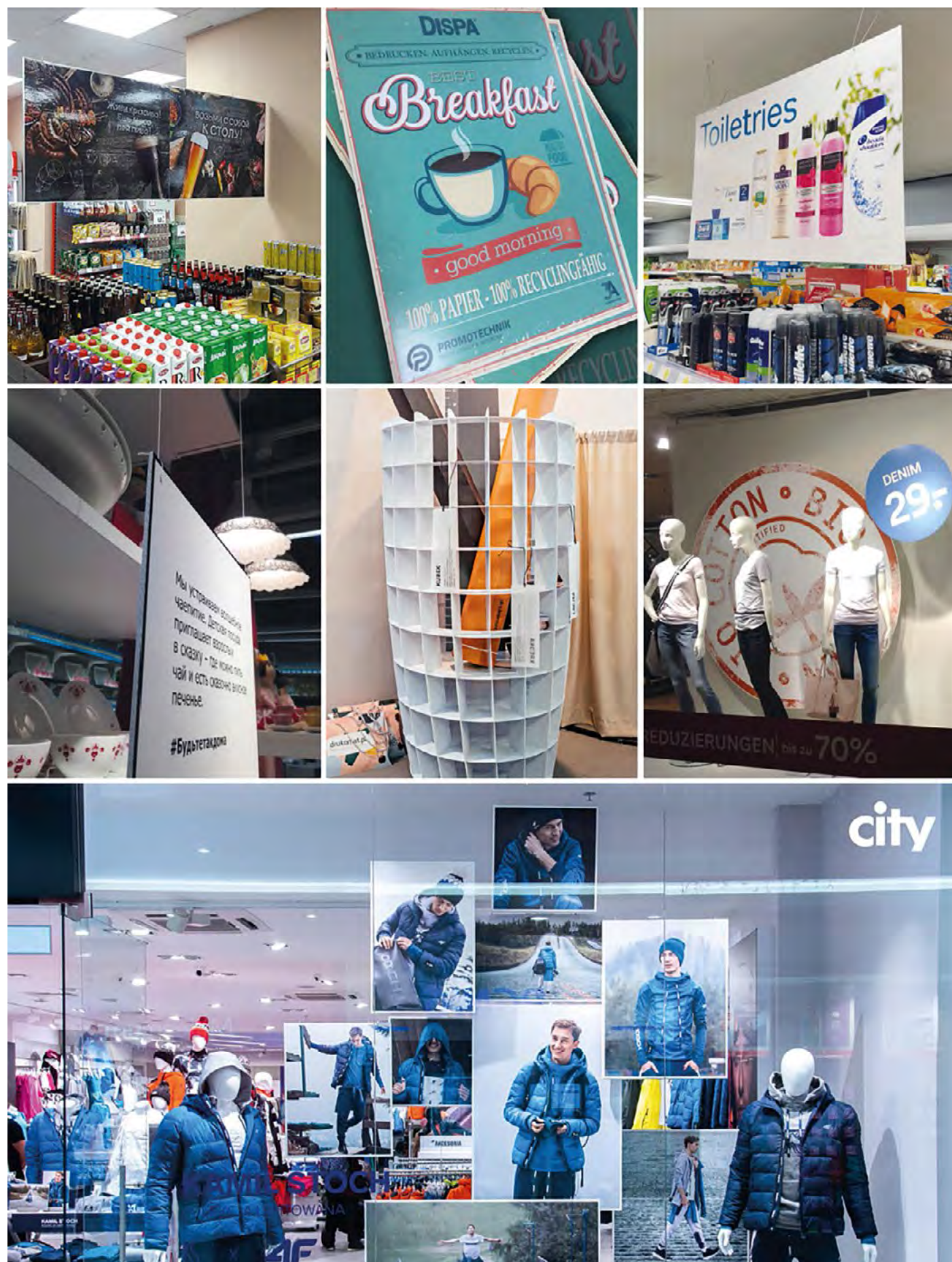
PAPER AND  
LIGHTWEIGHT  
FOAMBOARDS



DISPA® - SHAPED IN TULPES







# DISPA®

100% PAPER – 100% RECYCLABLE.



PRINT IT. HANG IT. RECYCLE IT. PRINT IT.



RECYCLE IT. PRINT IT. HANG IT.

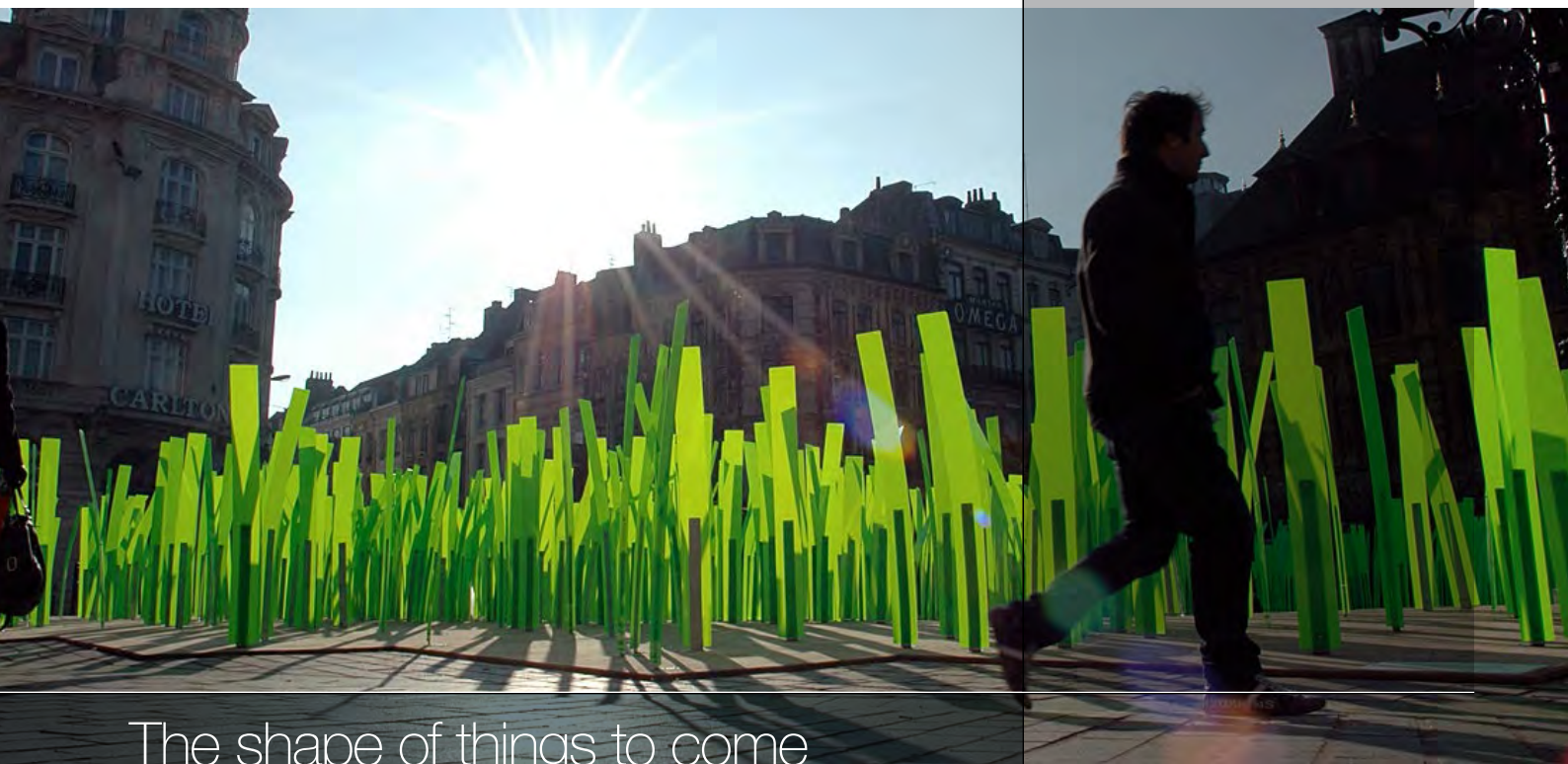






**Altuglas®**





The shape of things to come

With a large industrial and commercial presence in Europe and renowned partners (manufacturers and distributors), Altuglas® brand is marketed worldwide. Acrylic glass is available in the form of sheet, blocks, resin, composites and beads.

The range of Altuglas® acrylic resins offers a wide choice of products to meet ever higher standards in terms of resistance to UV rays, Impacts, scratches, chemical factors and even temperature. Widely acclaimed by major players in the automotive, appliance and lighting industries, Altuglas® technical solutions will allow you to combine design, technical expertise and high performance.

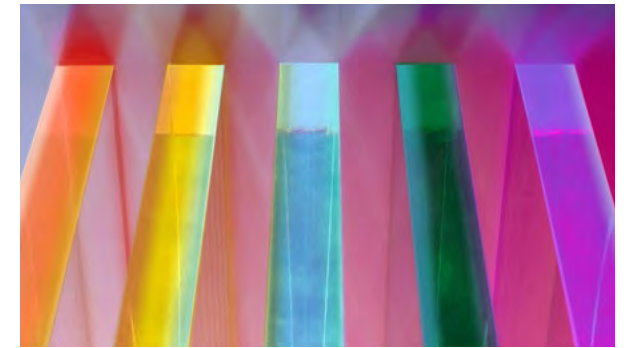
Main characteristics of Altuglas® resin:

- Transparency and high optical quality
- Aesthetics
- UV aging resistance
- Easy processing (extrusion or injection)

The Altuglas® acrylic beads range offers solutions to paint, coating, composite, metallurgy and porcelain markets. Used as binder or additive, Altuglas® acrylic beads offer multiple properties depending on their composition.

## Altuglas® CAST

- CLEAR
- OPAL
- COLOURS
- LED WHITE
- SOFT FLUO
- SMOKE
- BLACK/WHITE



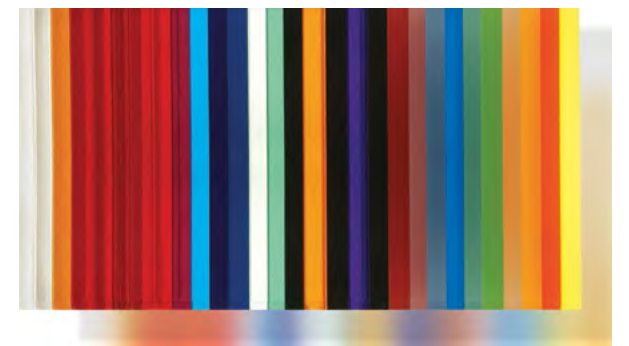
## Altuglas® BLOCKS

- OPAL LED
- COLOURS LED



## Altuglas® EXTRUDED

- CLEAR
- OPAL
- FD



## Altuglas® TOOLS

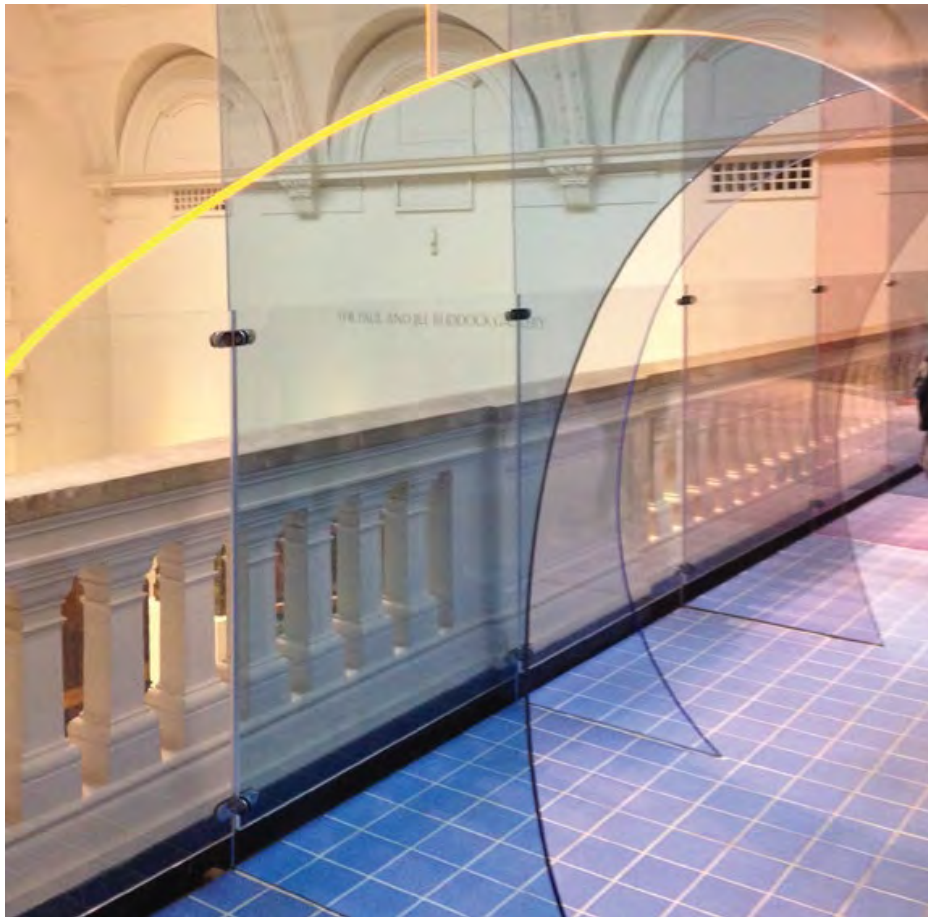
- GLUE
- CLEANER
- LOCK SET







Altuglas®







**3M**





At 3M Architectural Markets, we're committed to making sure nothing gets in the way of your extraordinary designs.

Use our innovative lighting, surface, and other products out of the box or make them your own by applying finishes to fixtures or illumination to films.

Everything we make is not only inspiring, but also as beautiful as you want, and as tough as you need.

So go ahead, dream big.

## Decorative Films

### 3M DI-NOC™ Architectural Finishes

Interior  
Exterior  
Abrasion Resistant  
Glass Finishes  
Whiteboard Film



### 3M FASARA™

FASARA™ Glass Finishes  
DI-NOC™ Glass Finishes  
CRYSTAL Dusted and Frosted Glass Finishes  
DICHROIC Glass Finishes



## Sun Control Window Films

### 3M Sun Control

Prestige  
Night Vision  
Neutral  
Silver / Nickel



## Safety & Security Window Films

### 3M Safety & Security

3M™ Scotchshield™ Ultra S800  
3M™ Safety Series  
3M™ Safety Exterior Series  
3M™ Ultra Combination Films



## Graphic & Digital Printing Films

### 3M Graphic & Digital Printing

Building & Walls  
Windows & Glass  
Floors & Sidewalks  
Signs & Displays  
Backlit Signs  
Vehicles & Fleet





**3M DI-NOC™** Architectural Finishes

## Beautiful. Cost-efficient. Compliant.

**3M™ DI-NOC™ Architectural Finishes**

Updating your facility's décor doesn't have to be complicated.

With more than 1000 finishes, including over 200 new designs, 3M™ DI-NOC™ Architectural Finishes offer a highly flexible collection of materials that conforms to flat or curved surfaces, providing unlimited design potential for architectural elements, doors, lifts & elevators, drawers, furniture and back-lit applications.

VM-1487

VM-2036

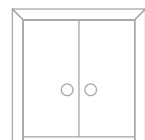
DW 1888MT

## The look you want without the disruption.

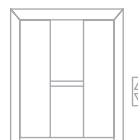
Keep your building beautiful without inconveniencing your guests. 3M™ DI-NOC™ Architectural Finishes give you hundreds of cost-efficient ways to replace outdated finishes and refresh your space — with minimal down time, noise and dust.

- Fast, easy application helps you refinish existing structures to create a new look almost overnight.
- Designs that resemble natural materials provide a clean, high-end look.
- Abstract, matte and colored finishes convert surfaces including metal, wood and glass to reflect an entirely new design.
- Versatile, easy-to-use material is ideal for casework, doors, columns, walls and more.

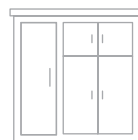
### Apply to virtually any surface.



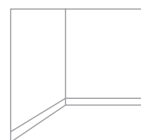
Doors



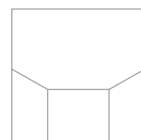
Elevators



Cabinetry  
& Millwork



Walls

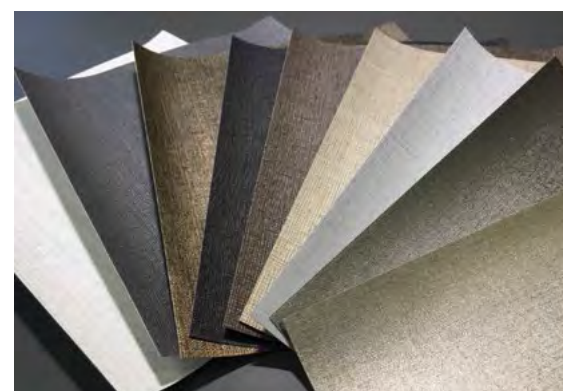
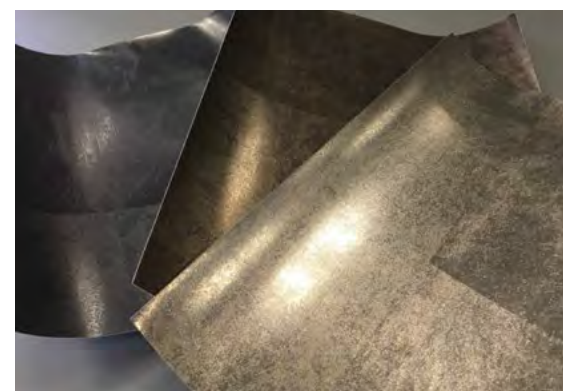
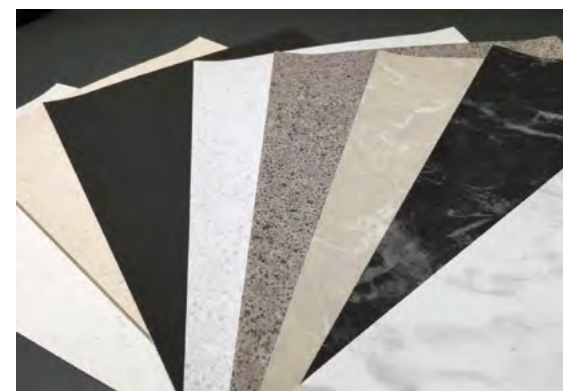
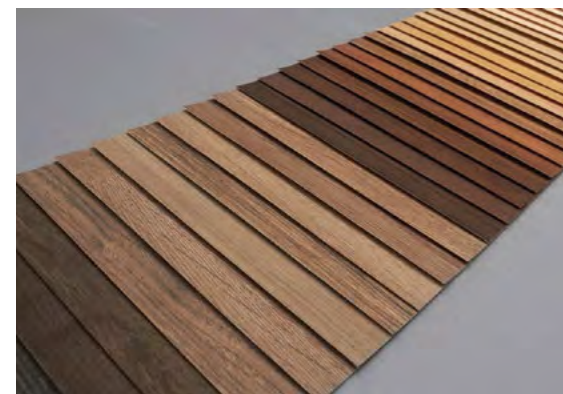


Ceilings



Columns

**3M DI-NOC™** Architectural Finishes



## Decorative Textured Films

### Not just a pretty face.

Renew your space without the disruption, downtime, expense and loss of use that results from a typical renovation. 3M™ DI-NOC™ Architectural Finishes help you transform your spaces and meet your other critical objectives.



#### Efficiency

Easy application — 3M™ Comply™ adhesive technology virtually eliminates air bubbles and holds a powerful bond to many substrates.



#### Durability

Ensure your facility will look great for years to come with a warranty of 5 to 10 years depending on the application.



#### Sustainability

Help acquire LEED credits for your facility and minimize your impact on the environment with materials that are engineered to refurbish permanently installed interior elements or furnishings with low emitting materials.



#### Fire Safety

Stay compliant with materials that have a NFPA 101 "Life Safety Code", Test Method ASTM E84 Class A fire rating for most products.



#### Easy to Maintain

Easy to clean with detergent and water and withstands most hospital grade cleaners. 3M™ DI-NOC™ Architectural Finishes are much easier to repair than wood or veneer, and repairs are virtually invisible at a normal viewing distance. See more ways to repair at [3M.com/DI-NOC](http://3M.com/DI-NOC).

For additional product information, please reference the 3M™ DI-NOC™ Architectural Finishes Technical Data Sheet and Installation Guide.

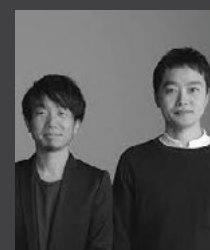


## All designers are thrilled to use new Matte Series



### More natural

"I generally avoid using films for interior design because of its fakey finish and try to use as much real materials like woods, metals, and paints. But I am really down using this new type of architectural finish because it just looks super natural!!!"



### New looking and style

"the mood and the touch which this new product reflects are something starkly different from any current existing architectural finishes. This is future and very excites us to express our feelings in a new way "



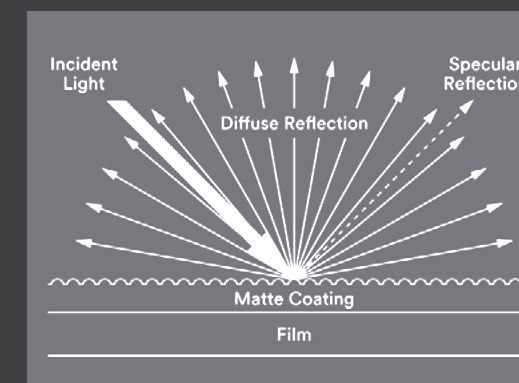
### Resolved material contradiction

"finishing materials into matte is one of main trends that surround interior market though there is always a problem that existing matte architectural finishes lowly perform over scratches and fingerprints. I would definitely say this is innovation. Cant wait to use "

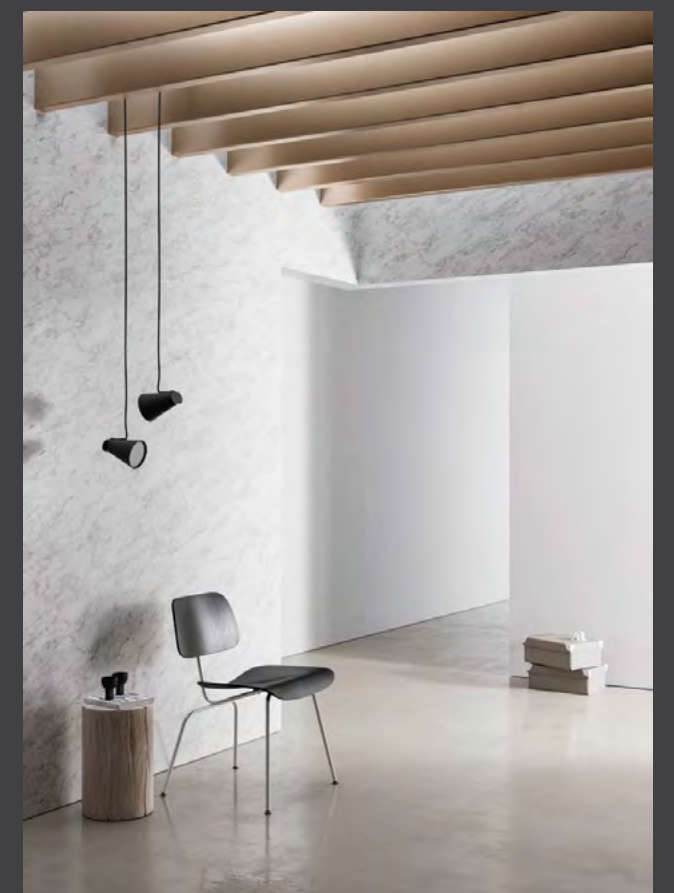


## Matte Series

We offer a new **Matte Series** utilizing the latest technology available. With a new state of the art coating on the film surface, our new **Matte Series** offers superior texture by converting incident light into diffused reflection and suppressing specular reflection. This series provides fingerprint resistance, overcoming weak points of conventional matte finishing materials. Please enjoy the new world of design possibilities with 3M's **Matte Series**.



- Superior matte texture
- Anti-fingerprint





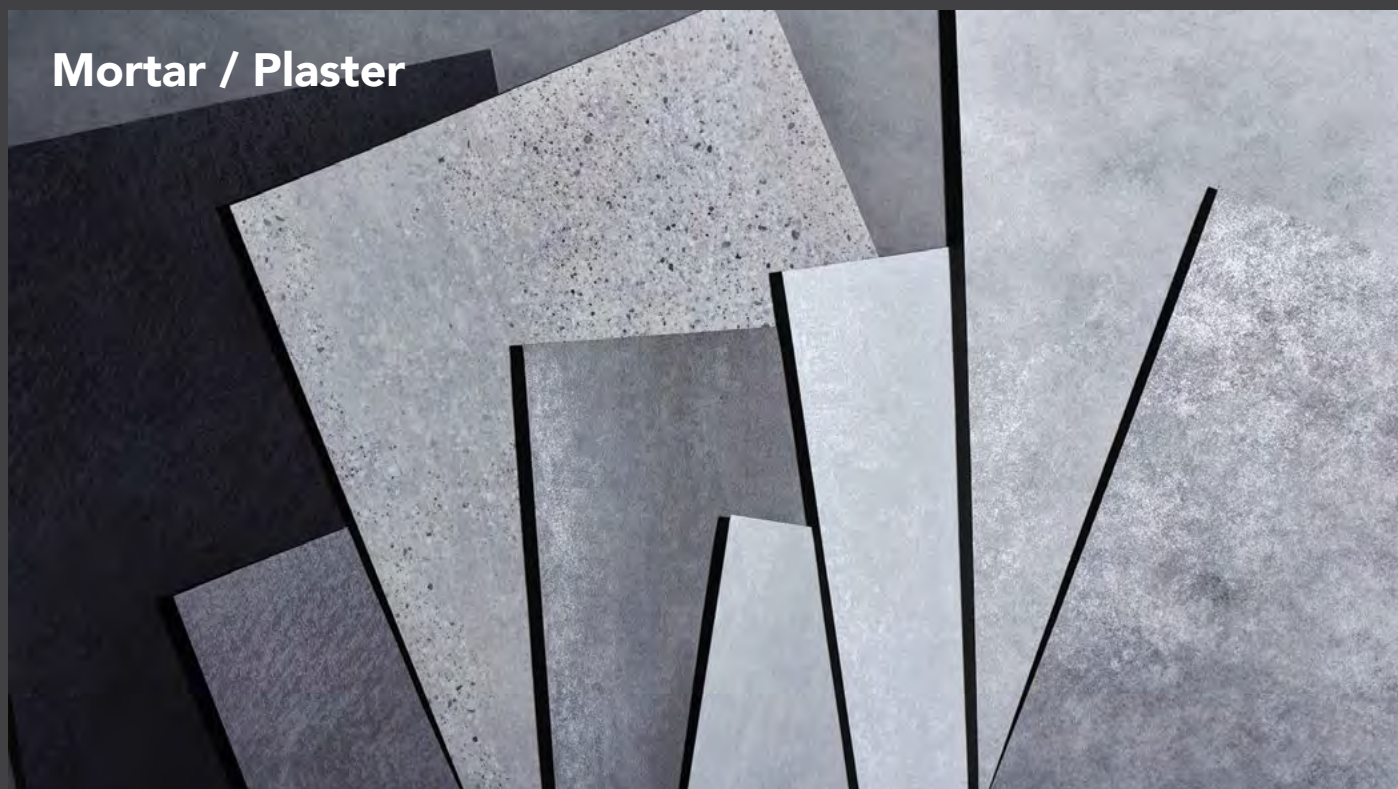
Premium Wood



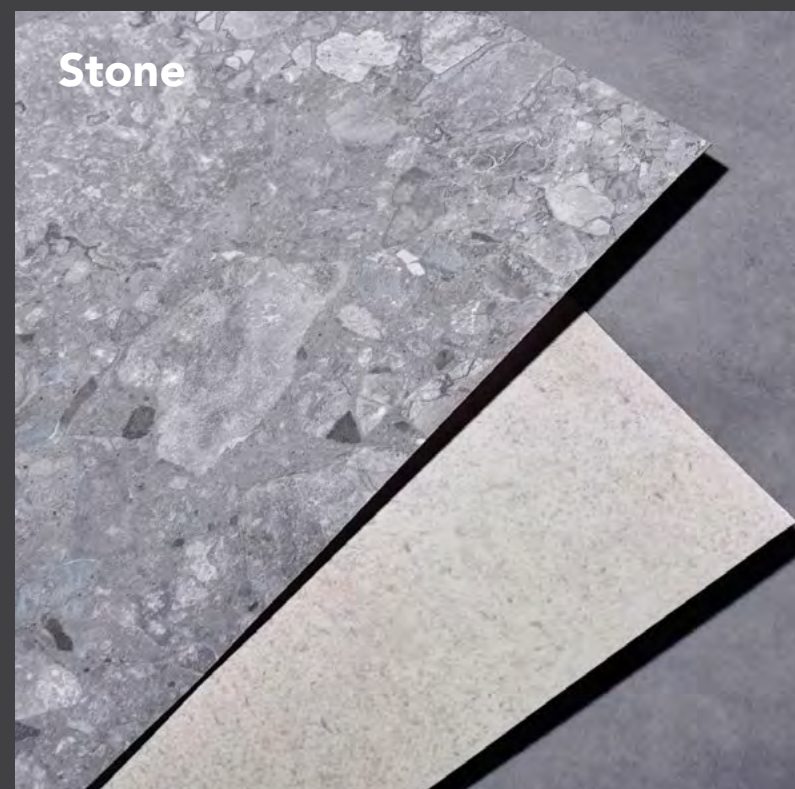
Stucco



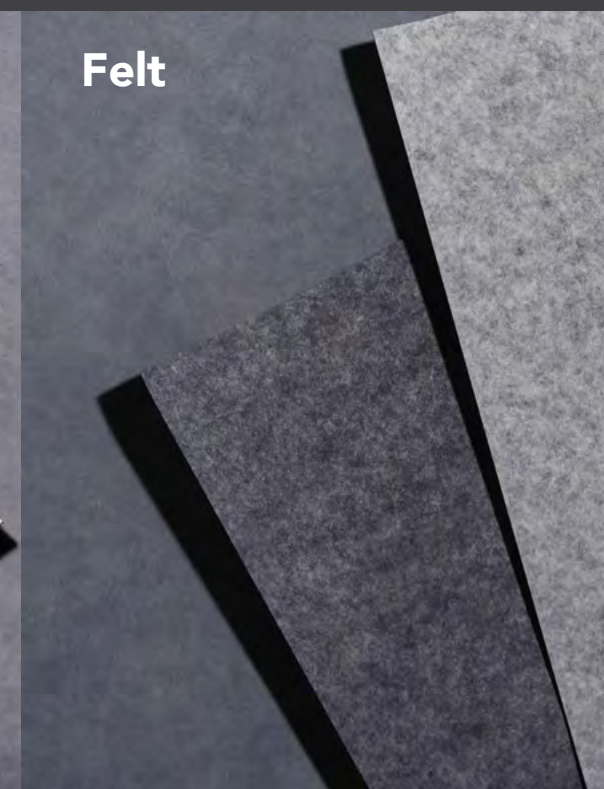
Mortar / Plaster



Stone

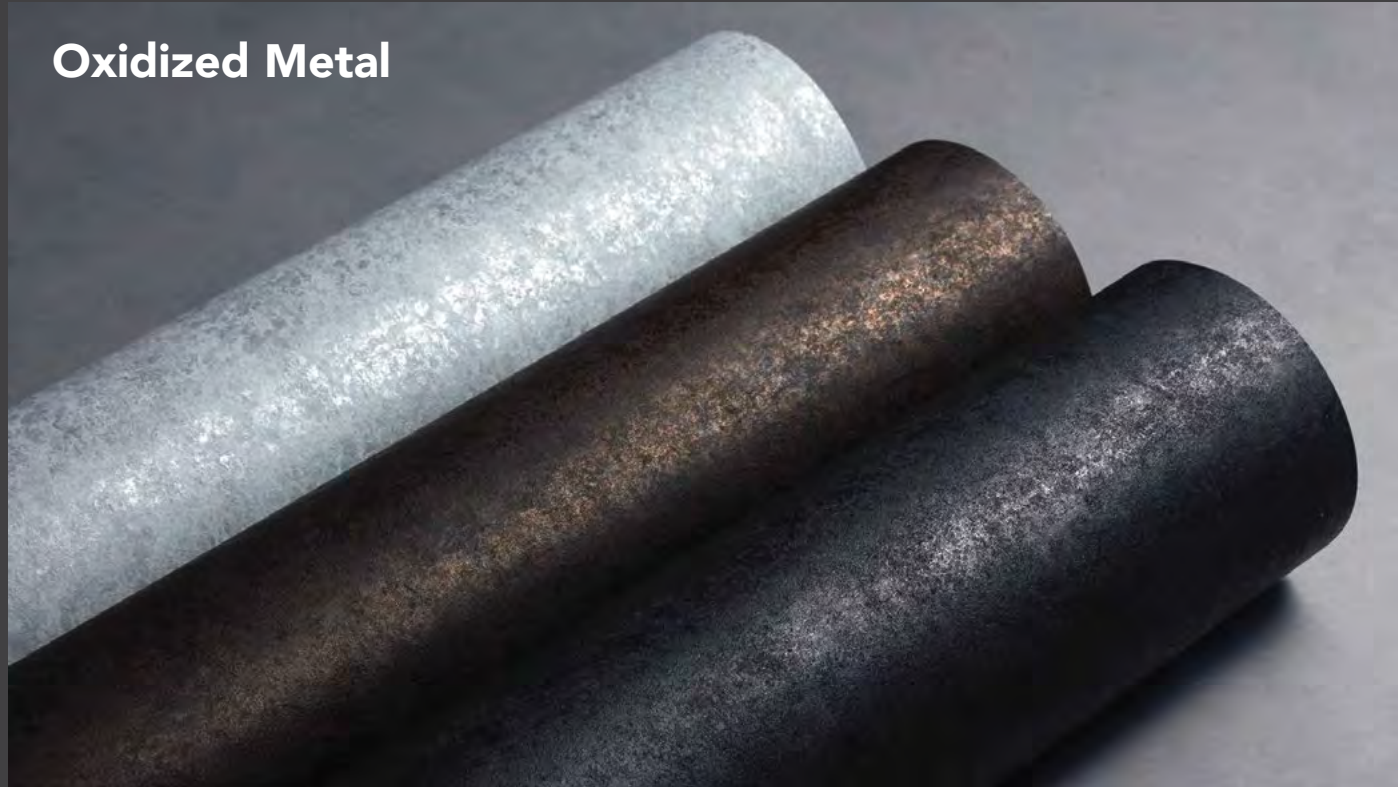


Felt





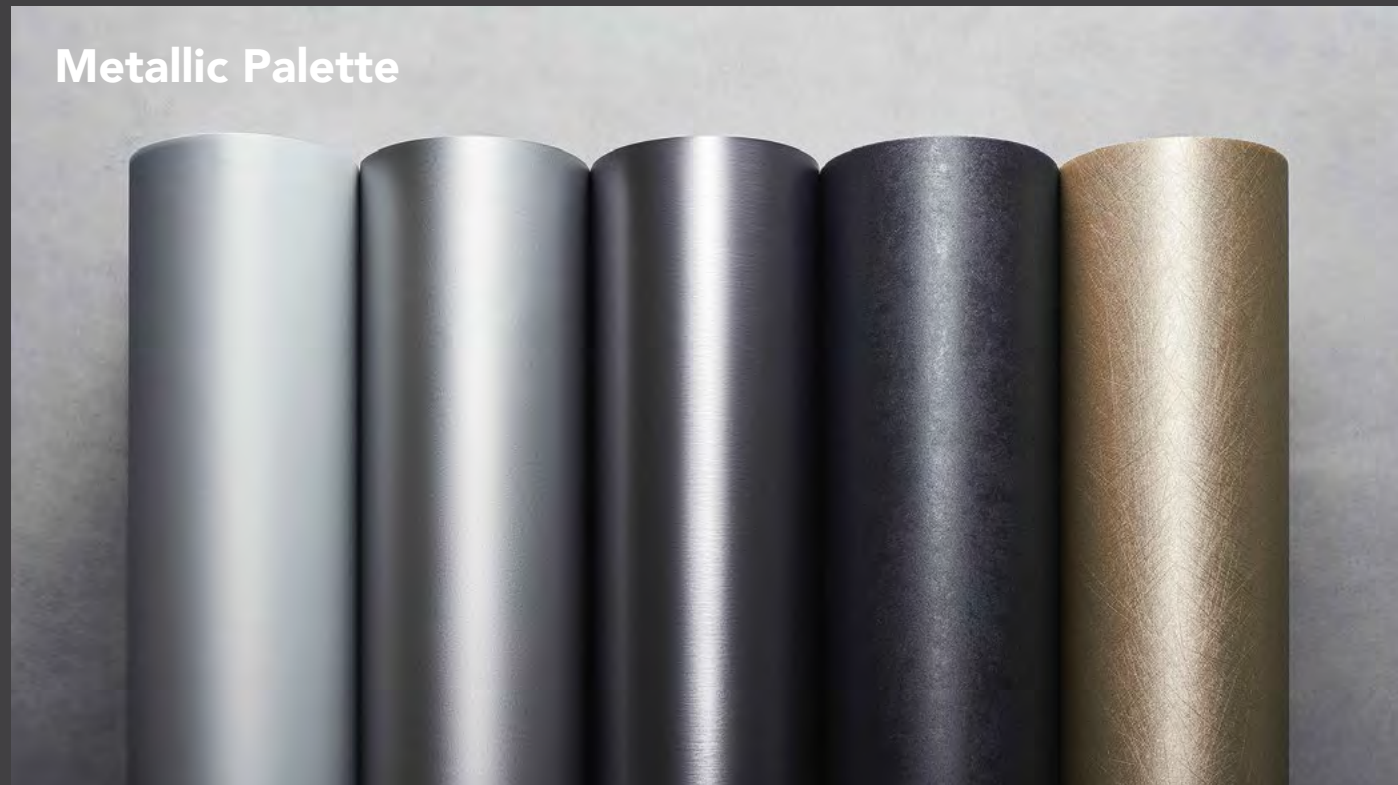
**Oxidized Metal**



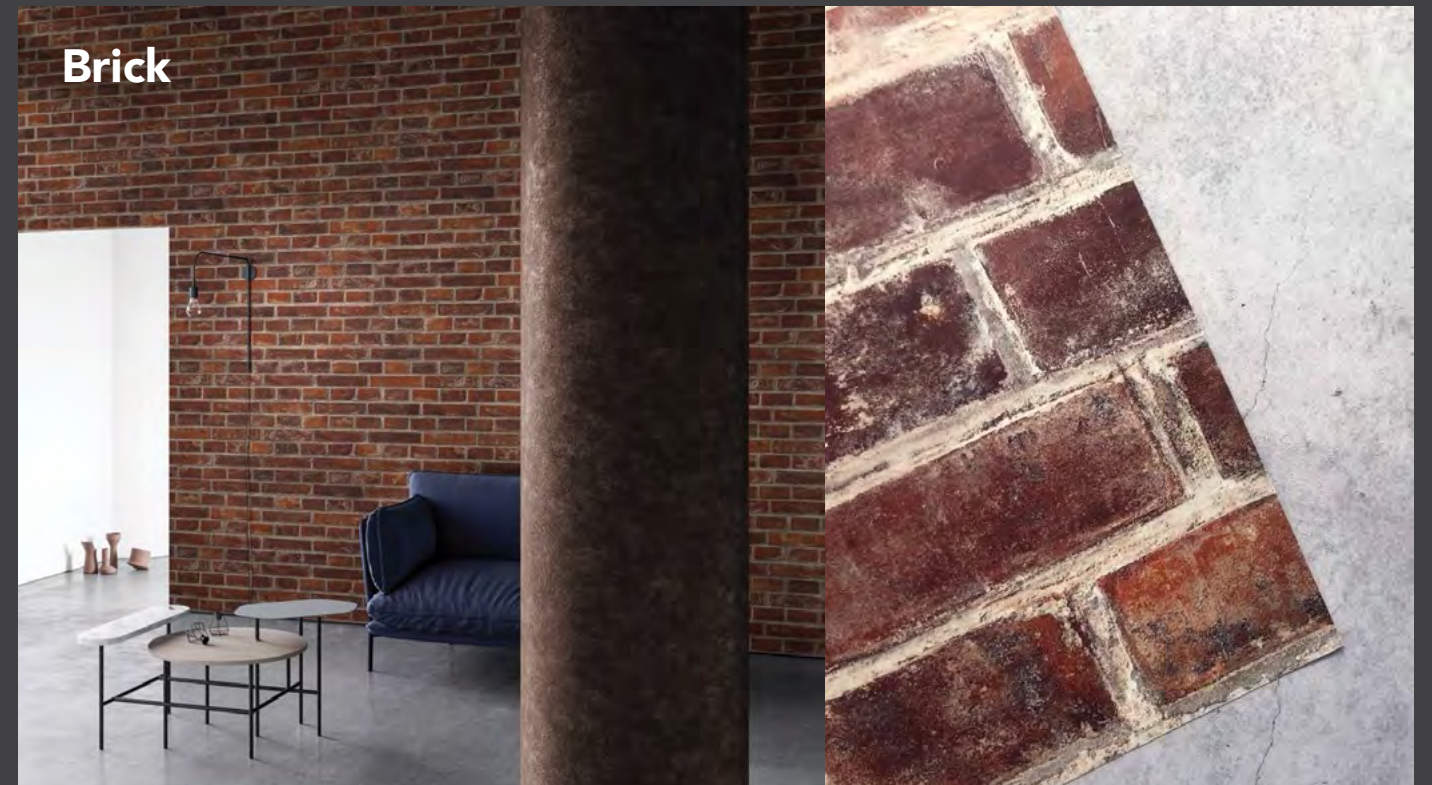
**Textile**



**Metallic Palette**



**Brick**





















The aesthetics of DI-NOC finishes in a film created for glass.  
To be applied to the back of the glass, the film comes in 20 finishes including wood, metal, fabric, stone, solid black and solid white.



DG-1716 Metallic Hairline



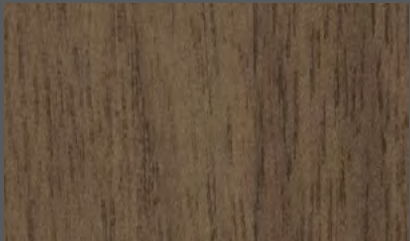
DG-432 Metallic



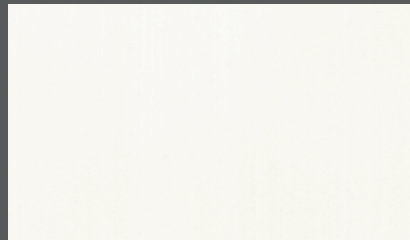
DG-1689 Textile Silk



DG-1613 Textile Silk



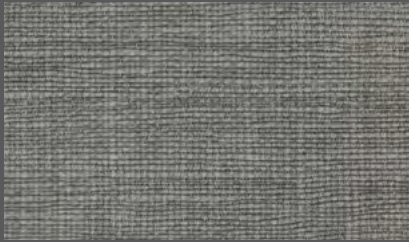
DG-1022 Fine Wood



DG-503 Solid Color



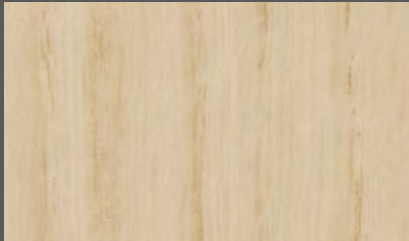
DG-379 Metallic Hairline



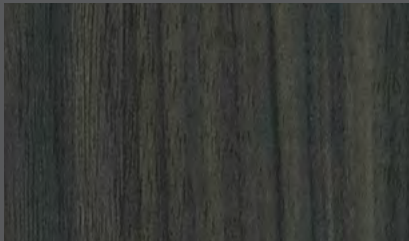
DG-1786 Textile



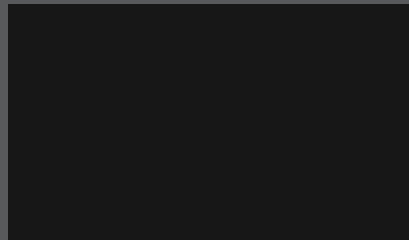
DG-1156 Textile Silk



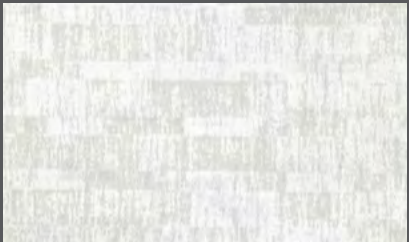
DG-1129 Fine Wood



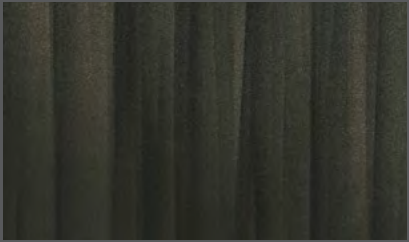
DG-1751 Fine Wood



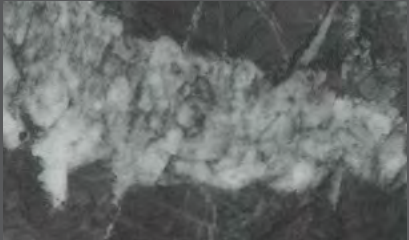
DG-504 Solid Color



DG-1678 Abstract



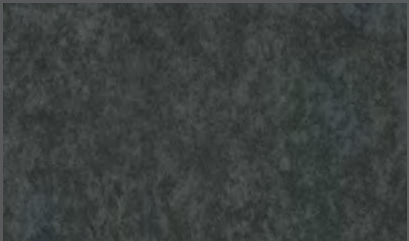
DG-1161 Abstract



DG-1587 Stone



DG-1528 Abstract

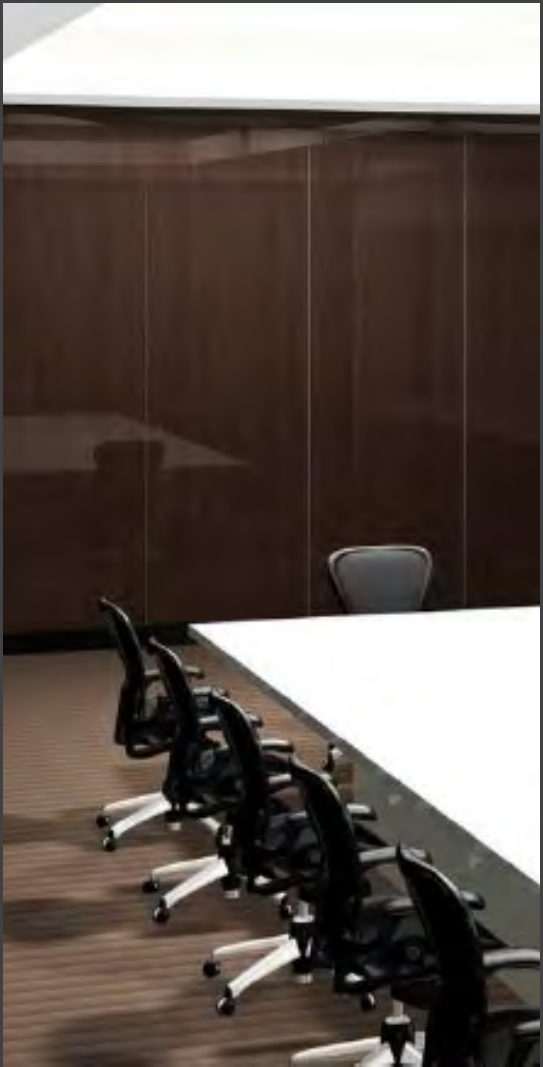


DG-1719 Mortar/Stucco



DG-1831 Stone











# 3M™ Fasara™ Glass Finishes

The 3M Fasara glass finishes range is made from premium polyester film. Available in more than 100 innovative designs, it is an easy way to transform your window or glass panel in meeting rooms, conference areas or waiting rooms. Whether your desired effect is creative, privacy or conspicuity, this film also enhances safety thanks to its construction which holds together breaking glass and reduces UV radiation up to 99%.

## Technical properties

- Top-quality, durable polyester
- Latest adhesive
- 0.075 mm thick.
- Guaranteed against yellowing and detachment.
- Roll dimensions: 1.27x 30 m / 1.22x 30 m

## Cleaning and maintenance

Wash with water and a soft cloth, using a mild, non-abrasive detergent if necessary.

## Durability

Up to 10 years

For more information visit  
[www.3m.co.uk/architectural](http://www.3m.co.uk/architectural)



Family	Number of finishes
Fabric	21
Natural	4
Stripe	16
Gradation	20
Geometric	6
Frost / Matte	19
Border	7
Dot / Prism	10
Emboss	8







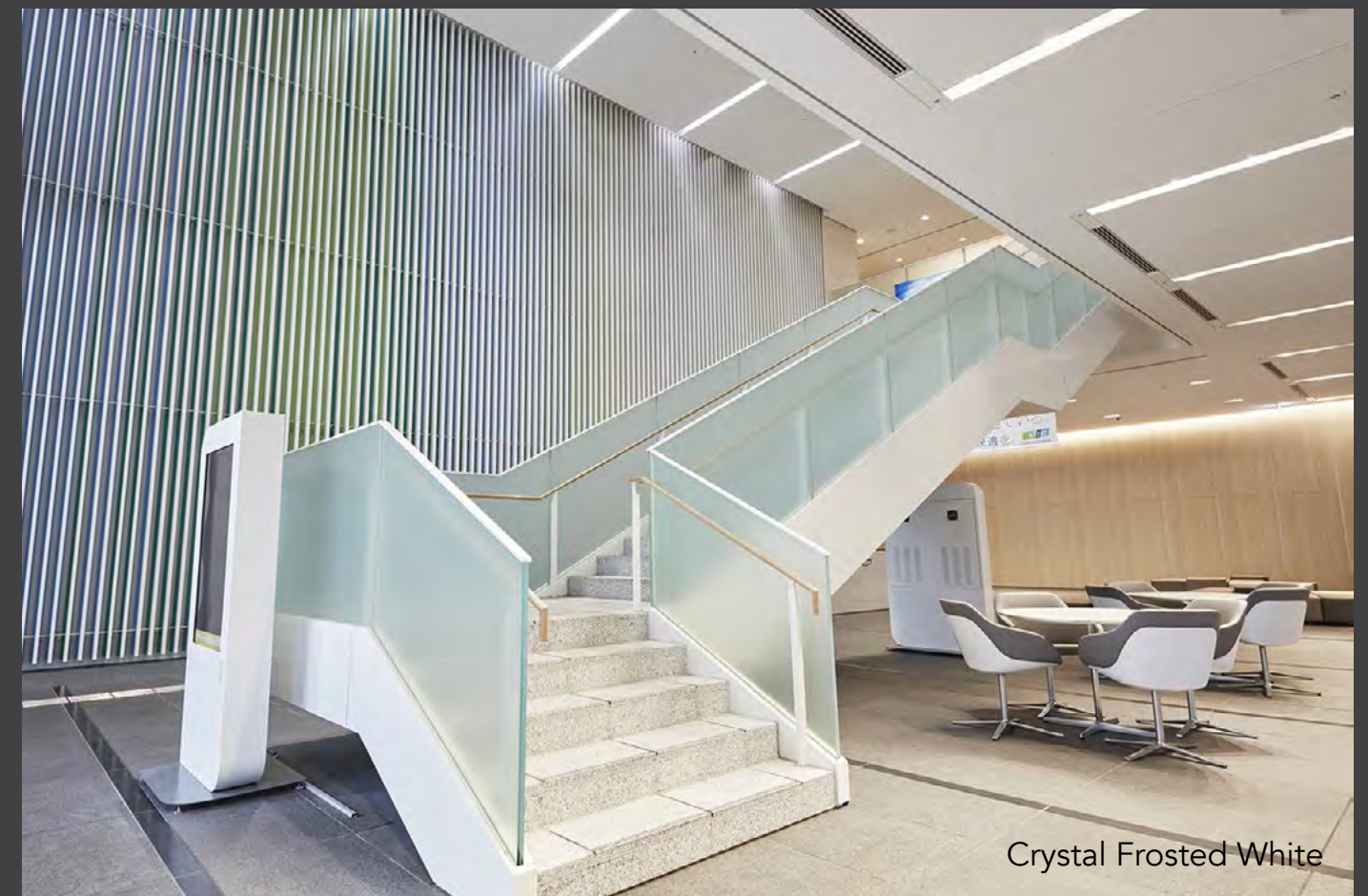
Glace SH2MAGL



Crystal Dusted + Gradation Venetian



Fasara Cloud

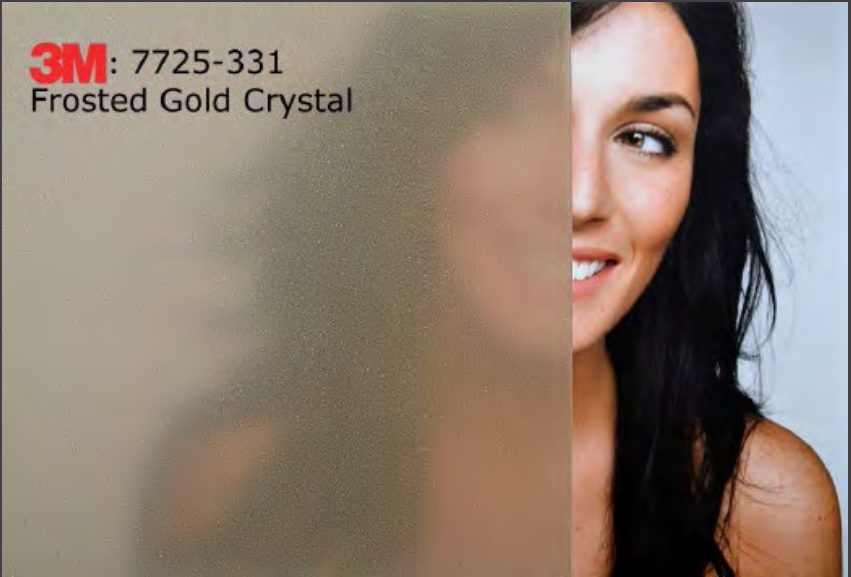
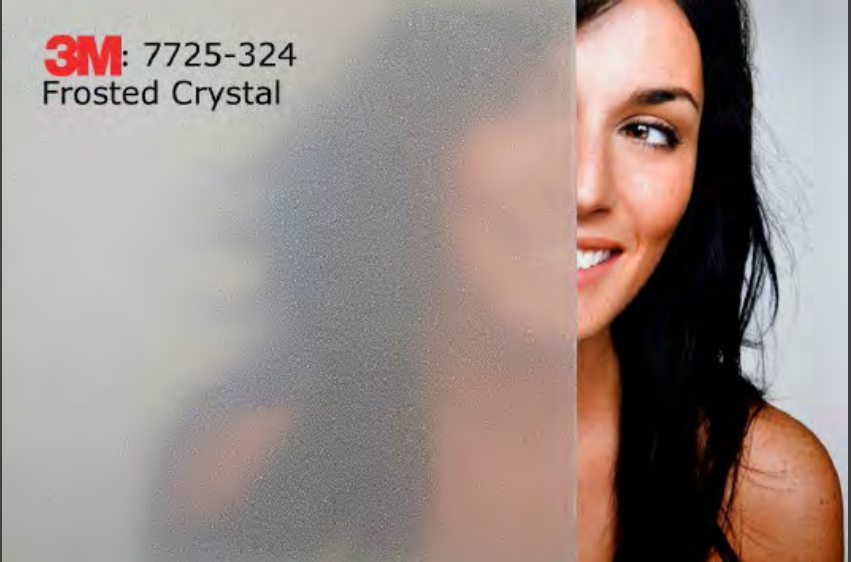
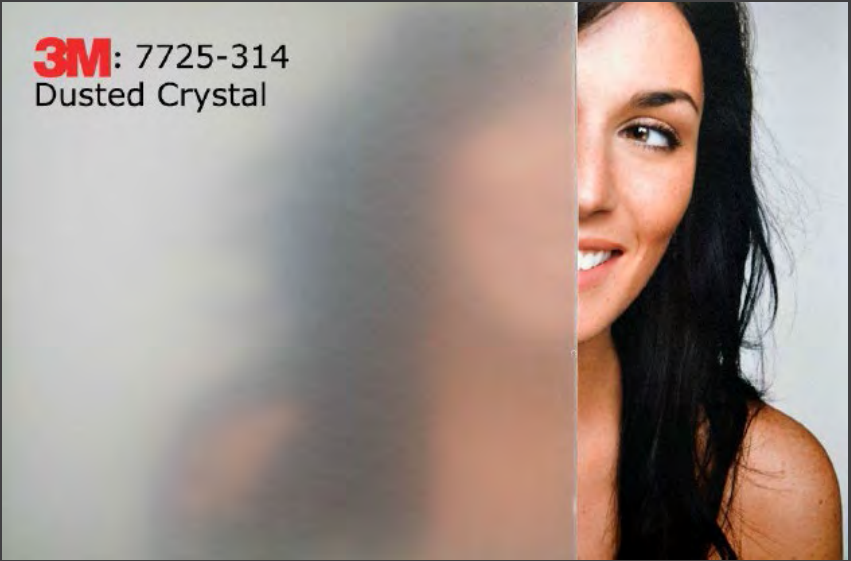


Crystal Frosted White





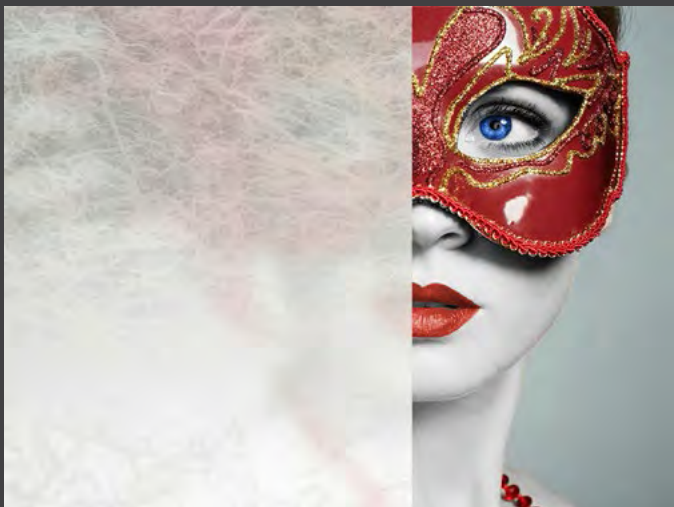








Fasara Aura9



Fasara Altair



Fasara Lattice



Fasara Leise



Fasara Arpa\_Crystal



Fasara Arpa\_White



Fasara Paracell



Fasara Vista



Fasara Arpa\_Black



Fasara Vega



Fasara Slat-g



Fasara Wind

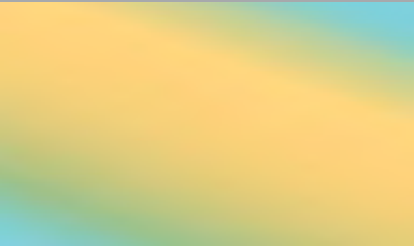


# 3M Dichroic™ Glass Films

Adhesive or non-adhesive polyester, producing iridescent, rainbow **effects** depending on the light and angle of vision.



Blaze



Chill



## Technical properties

- Top-quality polyester
- DF-PA Adhesive
  - 0.11mm thick
  - Dimensions of rolls: 1.22x 30 m
- Non-adhesive DF (for layering glass)
  - 0.035 mm thick
  - Roll dimensions: 1.82x 10-100 m

## Warranty

Up to 5 years

## Cleaning and maintenance

Wash with water and a soft cloth, using a mild, non-abrasive detergent if necessary.

Product		Finish
DF-PA Chill		Gold-blue
DF-PA Blaze		Copper-Bronze
DF Chill		Gold-blue
DF Blaze		Copper-Bronze

For more information visit [www.3m.co.uk/architectural](http://www.3m.co.uk/architectural)









# 3M WH-111 Whiteboard Film

## Self-adhesive whiteboard film

3M WH-111 Whiteboard Films are glossy white-self adhesive materials for use with dry wipe marker pens. They are a great alternative to traditional slate boards, and help to give the environments lightness and practicality.

They are ideal for schools, universities and meeting rooms. The marker pens are easily erasable and washable with commonly used cleaners.

### Transform Surfaces into Communication Spaces

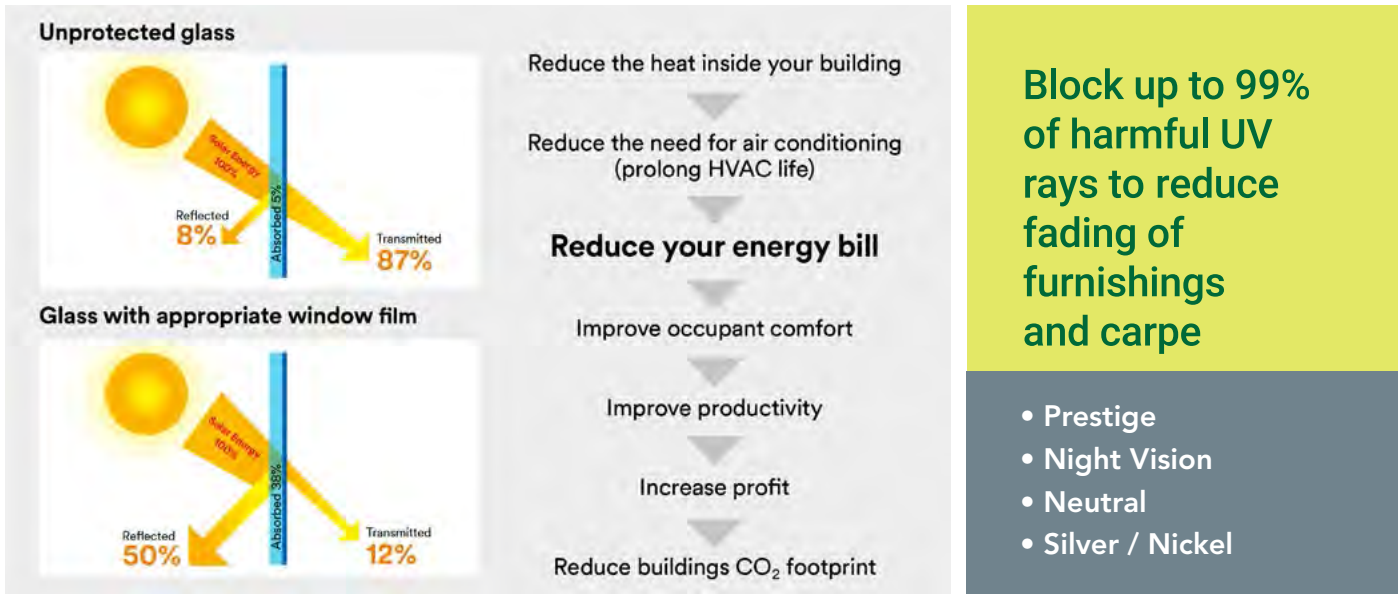
3M™ DI-NOC™ Whiteboard Film is a unique architectural finish that can convert interior surfaces into creative and collaborative environments. Compatible with most dry erase markers.







Outsmart the sun with superior protection.



Windows provide an abundance of beautiful natural light. They can also create problems such as cool or drafty areas, excessive heat from the sun and distracting glare — issues that can impact tenant comfort, occupancy rates, energy bills and profits. Choose clear films with reflectivity lower than glass for superior sun control and beautiful views inside and out.

3M™ Prestige Series

The films of the Prestige Series are 3M’s premium solar window films. They utilize a truly unique 3M technology known as a multi-layer optical film, which makes it possible to create a window film with hundreds of layers of non-metallized material in less than the thickness of a Post-it® Note. Each layer is designed to reflect the sun’s infrared without compromising on visible light. With Prestige Window Films, you can enjoy the benefits of a world-class window film while leaving the beauty of your windows virtually unchanged.

- Clear, non-reflective appearance maintains the original look of the building
- Highest performance possible without metal
- Significant reduction in air conditioning costs
- Maximum heat retention and maximum light transmission
- No corrosion

3M™ Night Vision Series

3M Night Vision Window Film offers protection from the sun’s damaging UV rays and controls heat and glare, while inviting warm, natural light into the room and increasing comfort. And, unlike most other sun control films, 3M Night Vision Window Film has a low interior reflectivity that leaves your view clearer than ever, especially at night. Higher external reflectance provides privacy against prying eyes looking in (light condition dependent).

- Ensures clear views, day and night
- Low interior and exterior reflectivity to ensure privacy at night
- Reduces heating and cooling costs
- 3M nano-technology enhances the film’s color stability

3M™ Traditional Series

The metallised technology of 3M’s Traditional Series reflects the sun’s rays while allowing optical clarity to be maintained and rejects excess light to reduce glare. These films provide comfort at a great price. Also, depending on lighting conditions, rooms are protected against prying eyes from looking in. This series is available in the colours silver, nickel, amber and in a neutral version.

- Metallised heat gain reduction technology
- Reduces heating and cooling costs
- Keeps occupants cool and comfortable
- Extends the life and vibrancy in furniture, fittings and fabrics

3M™ Silver 15 Plastic

3M’s Silver 15 Plastic is suitable for some polycarbonate (PC) and acrylic (PMMA) glazing used in buildings. The film is designed for use on the external surface. Its metallised technology reflects the sun’s rays while allowing optical clarity to be maintained and rejects excess light to reduce glare. Also, depending on lighting conditions, rooms are protected against prying eyes from looking in.

- Metallised heat gain reduction technology
- Protects plastic surface materials from weathering damage
- Keeps occupants cool and comfortable
- Abrasion resistant surface to maintain good appearance longer

3M™ Combination Films

In addition to pure Sun Control Films, 3M offers a range of combination films that provide the protection of a safety film in combination with the capabilities of sun control film.

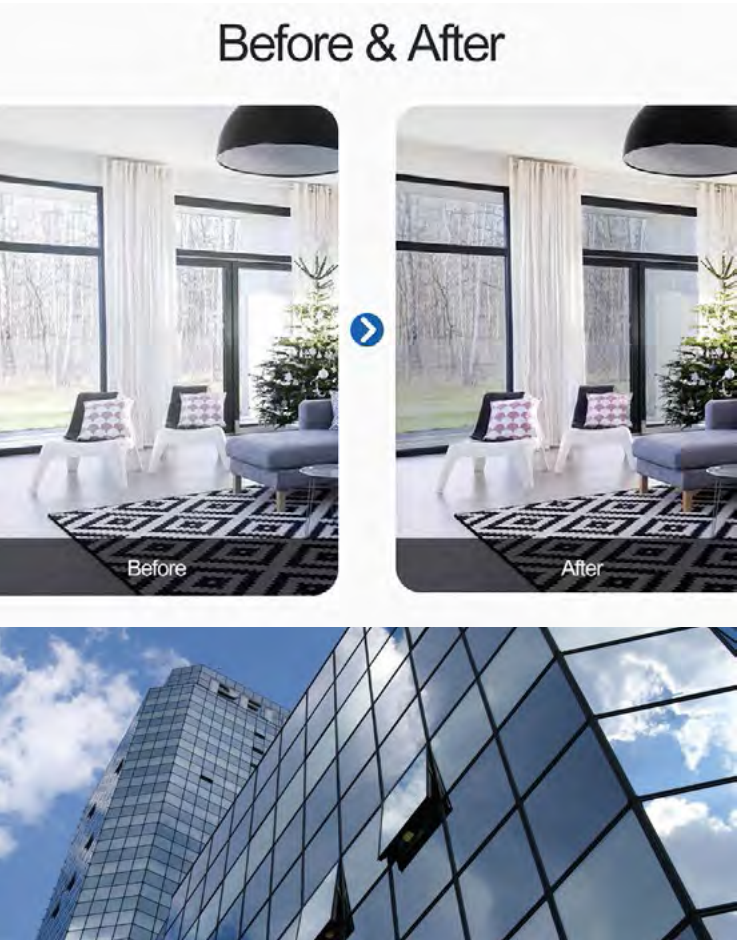




Film Properties.

Product	Application	Total Solar Energy Rejected	Visible Light Transmission	Visible Reflection INT	Visible Reflection EXT	G-value	Heat Gain Reduction	UV Block
Prestige								
Prestige 20 Ext.	Exterior	76%	18%	12%	6%	0,24	66%	99,9%
Prestige 40 Ext.	Exterior	71%	37%	7%	13%	0,29	59%	99,9%
Prestige 70 Ext.	Exterior	61%	63%	12%	14%	0,39	45%	99,9%
Prestige 90 Ext.	Exterior	45%	78%	15%	16%	0,56	21%	99,9%
Prestige 70	Interior	44%	62%	15%	13%	0,56	21%	99,9%
Night Vision								
Night Vision 15	Interior	60%	14%	11%	39%	0,40	43%	99%
Night Vision 25	Interior	51%	22%	8%	24%	0,49	29%	99%
Night Vision 35	Interior	45%	32%	8%	19%	0,55	21%	99%
Neutral								
Neutral 35 Ext.	Exterior	62%	36%	18%	19%	0,39	45%	99%
Neutral 35	Interior	49%	32%	19%	24%	0,51	27%	99%
Neutral 70	Interior	36%	62%	12%	16%	0,64	8%	99%
Traditional Series								
Nickel 50	Interior	52%	45%	25%	28%	0,48	31%	99%
Silver 15 Ext.	Exterior	86%	15%	53%	59%	0,14	80%	99%
Silver 35 Ext.	Exterior	72%	33%	33%	36%	0,28	60%	99%
Silver 20	Interior	67%	15%	58%	55%	0,33	53%	99%
Silver 15 Plastic	Interior	83%	15%	n/a	61%	0,14	79%	99%

All values for double pane, 6mm, clear glass. Silver 15 Plastic: Film type on clear PC







Superior protection and clarity.



Safety Glazing and Human Impact

- Upgrade your glass to meet safety glazing codes
- Help protect your occupants from broken glass hazards



Break and Entry

- Provides precious time by helping to deter unwanted individuals from entering your building or home
- Help protect occupants and assets



Seismic and Spontaneous Glass Breakage

- Help keep glass fragments from falling from your windows, helping to protect people and potentially reducing injuries on your property



Bomb Blast and Explosion Protection

- Help protect people from flying glass shards, one of the most common causes of blast related injuries and fatalities

3M Security and Safety Films can:

- Reduce the hazard from accidental breakage
- Limit the damage from deliberate manual attack or security incidents
- Protect your employees, customers and business continuity
- Reduce UV by 99%, delaying the fading of soft furnishings and carpets
- Provide clear, unobtrusive and passive safety

3M™ Scotchshield™ Ultra S800



The Ultra Safety & Security Window Film utilizes a co-extruded multilayer to provide immense strength and tear resistance compared to standard films. In case of glass breakage, fragments are retained on the film by a strong acrylic adhesive system. This product delivers superior performance over standard polyester films in blast and impacts and provides a high level of optical clarity.

- Enhanced security
- Protection from injuries or damage caused by fragments of broken glass
- Blast mitigation properties in combination with the Impact Protection Profile anchorage system
- Resistance to vandalism or smash and grab burglaries
- Reduction of fading from UV light
- Abrasion resistance to keep the appearance of the film

3M™ Safety Series



3M Safety Series Films are composed of a transparent and weather stable polyester film with a scratch resistant surface and a strong acrylic adhesive. The films' high tensile strength and elongation at break increases resistance of the overall glazing system to impact and pressure. In case of glass breakage the fragments are retained by a strong acrylic adhesive.

- Protection from injuries or damage caused by fragments of broken glass
- Resistance to vandalism or smash and grab burglaries
- Reduction of fading from UV light
- Abrasion resistance to keep the appearance of the film

3M™ Safety Exterior Series



3M Safety Series Films are composed of a transparent and weather stable polyester film with an outdoor durable, scratch resistant surface and a strong acrylic adhesive. The films' high tensile strength and elongation at break increases resistance of the overall glazing system to impact and pressure. In case of glass breakage the fragments are retained by the strong acrylic adhesive.

- Protection against injuries to persons or damage to items caused by the fragmentation of glass
- Glass retention in case of spontaneous glass breakage
- Reduction of fading from UV light
- Outdoor durable and abrasion resistant coating to maintain its appearance

3M™ Ultra Combination Films



In addition to clear Safety and Security films, 3M offers a range of combination films that provide all the advantages of the Scotchshield Ultra Series in combination with the capabilities of a sun control film.







## Fire up your reputation.

As a graphics manufacturer, customers come to you to bring their visions to life. 3M's Graphics & Signage product portfolio, empowers you to transform, elevate and energize every surface of their brand.

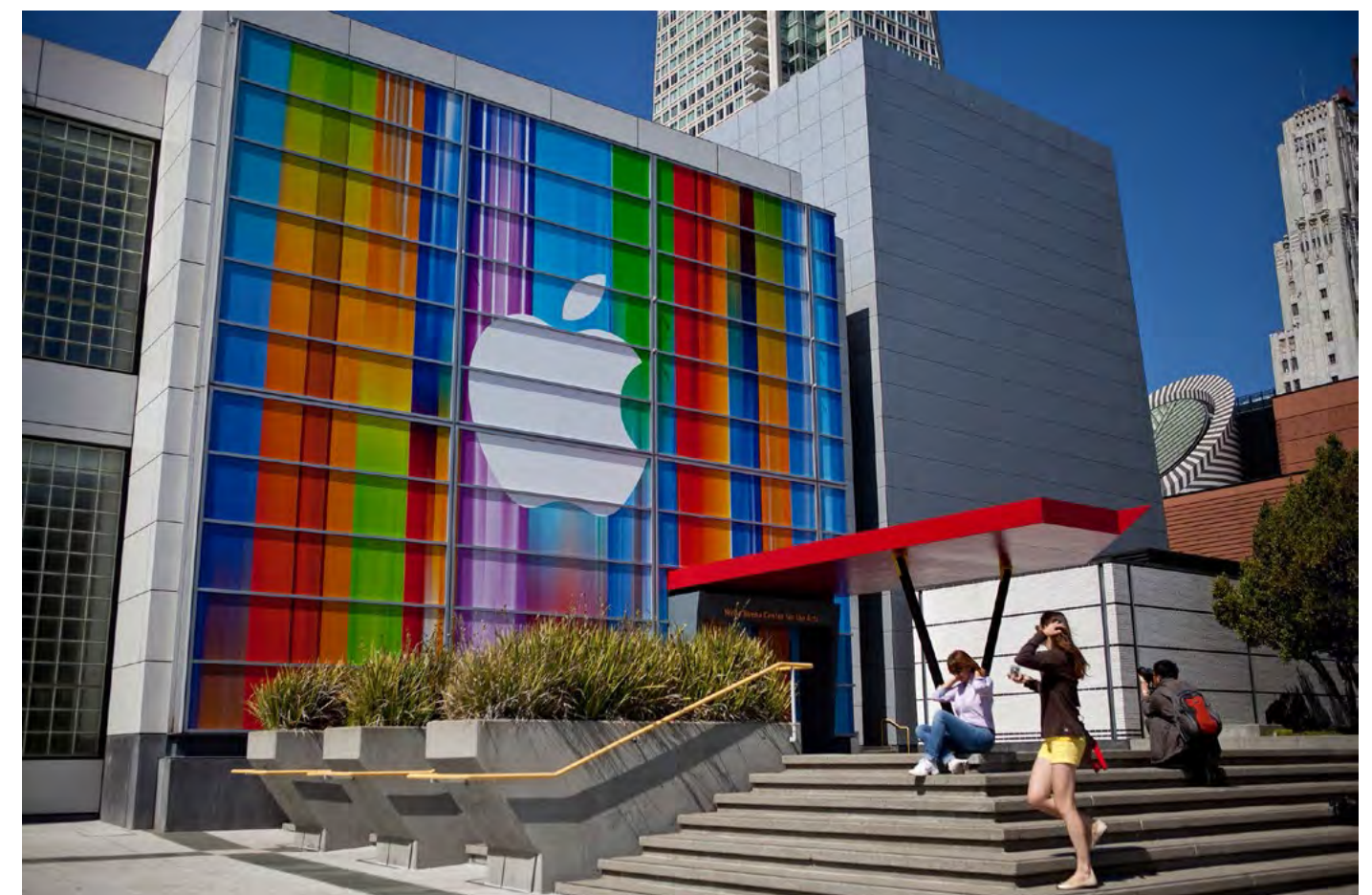
From car wraps that convert vehicles into attention-grabbing mobile advertising to wall graphics that create experiential environments, our solutions are packed with the features you need to help you and your customers get the attention you deserve.

## If you can imagine it, you can do it.

- Building & Walls
- Windows & Glass
- Floors & Sidewalks
- Signs & Displays
- Backlit Signs
- Vehicles & Fleet



Window & Glass







Building & Walls



Floors & Sidewalks







Signs & Displays



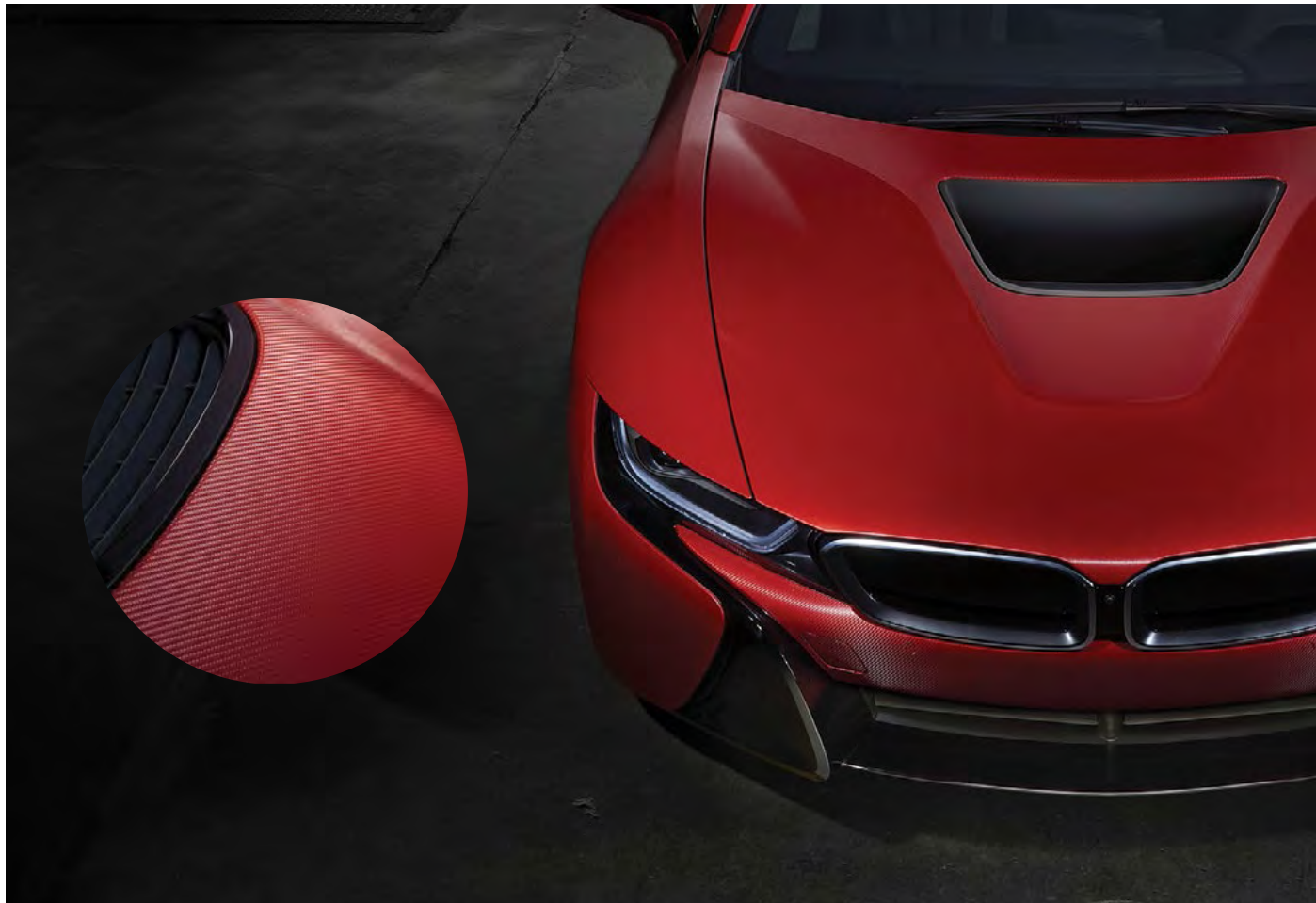
Backlit Signs







Vehicles & Fleet



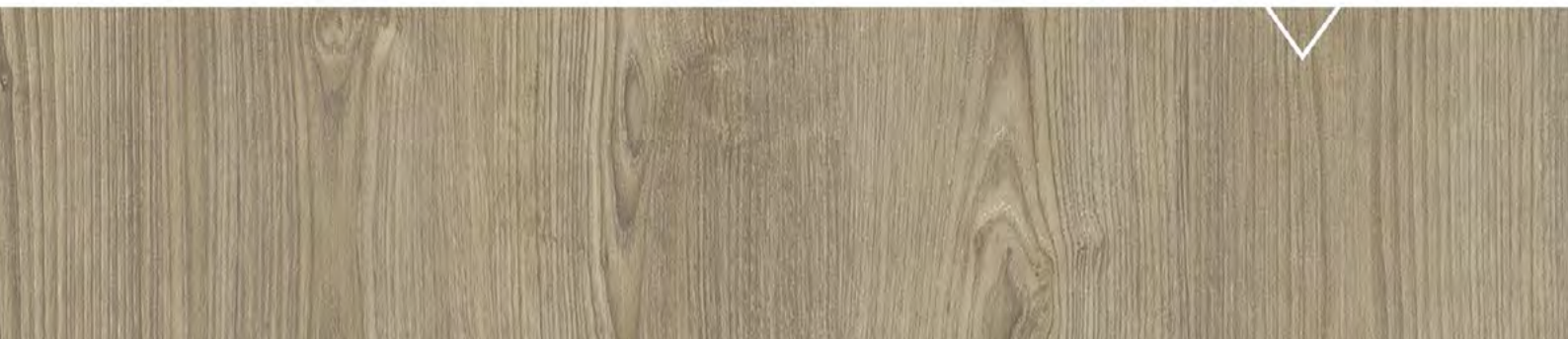
Vehicles & Fleet





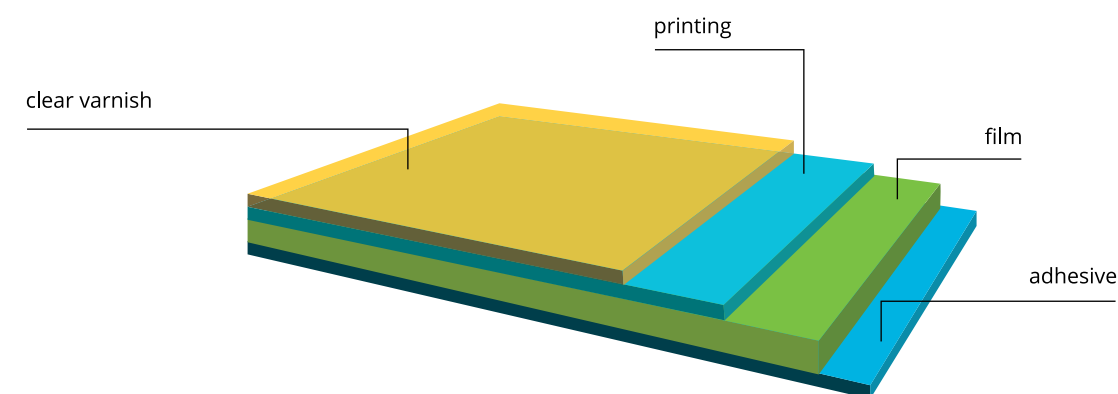


 **decal**<sup>®</sup>  
Think green





## Decorative Films



*Alldecor 2d products' composition*

A set of properties brought together in a single layer structure that makes it possible to idealize **houses, offices, hotels, restaurants, shops** and many other **projects** without investing in a total remodeling or making changes.

The **real change** is in **alldecor 2d** products and it is possible to do it with...



Decal **alldecor 2d** range gives space to imagination in interior decoration. Combining **aesthetics and design** with effectiveness and functionality, it is perfect for **those who buy, apply and enjoy**.

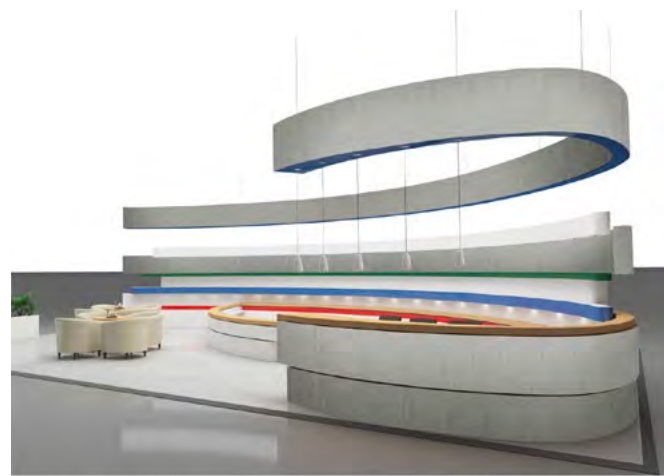
We introduce our **textured polypropylene (PP) films**, which create new atmospheres and generate new sensations with **versatility, safety, resistance, ecology and easy cleaning**.


The formulation of our films is **free of plasticizer components (PVC Free), halogen and formaldehyde**, providing a barrier against the latter. The **pigments used** are **harmless** and the **possibility of elimination by incineration** translates into **low emissions**.

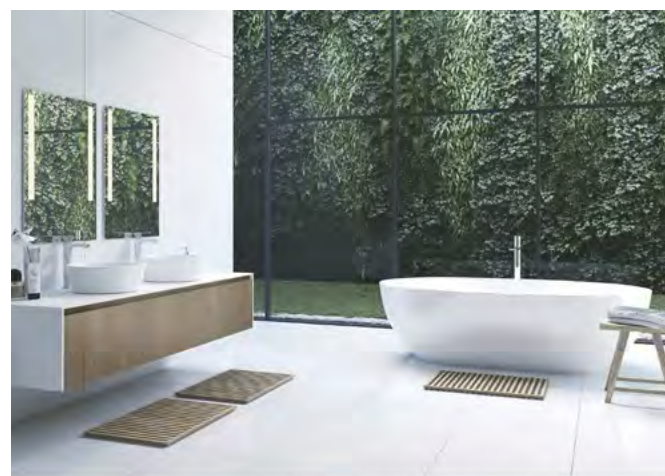
**wood**  
**cement**  
**stone**  
**metal**  
**leather**







 **monte carlo light grey**  
decal alldcor 2d P HT 190




 **mountain cappucino**  
decal alldcor 2d P HT 190




 **oxide glimmer**  
decal alldcor 2d P HT 190



 **bolegno alaska white**  
decal alldcor 2d P HT 190



 **ribera ash cream**  
decal alldcor 2d P HT 190



 **sweet chestnut bleached**  
decal alldcor 2d P HT 190



 **makalu concrete**  
decal alldcor 2d P HT 190



 **makalu pearl grey**  
decal alldcor 2d P HT 190



 **makalu concrete copper**  
decal alldcor 2d P HT 190




 **monte carlo darkbrown**  
decal alldcor 2d P HT 190

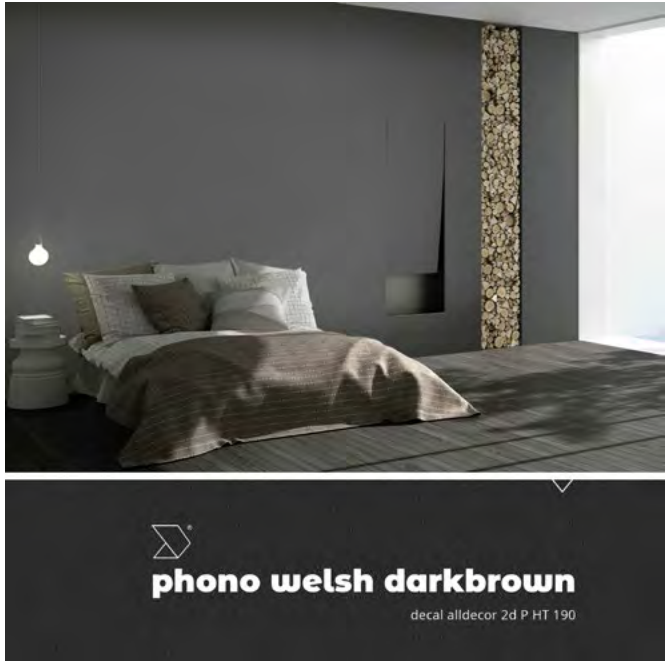
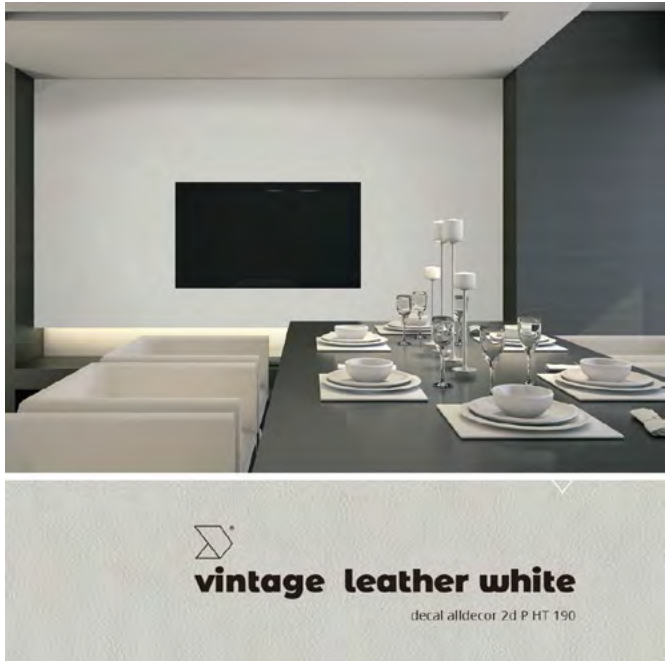


 **plaza stone concrete**  
decal alldcor 2d P HT 190



 **makalu concrete copper**  
decal alldcor 2d P HT 190

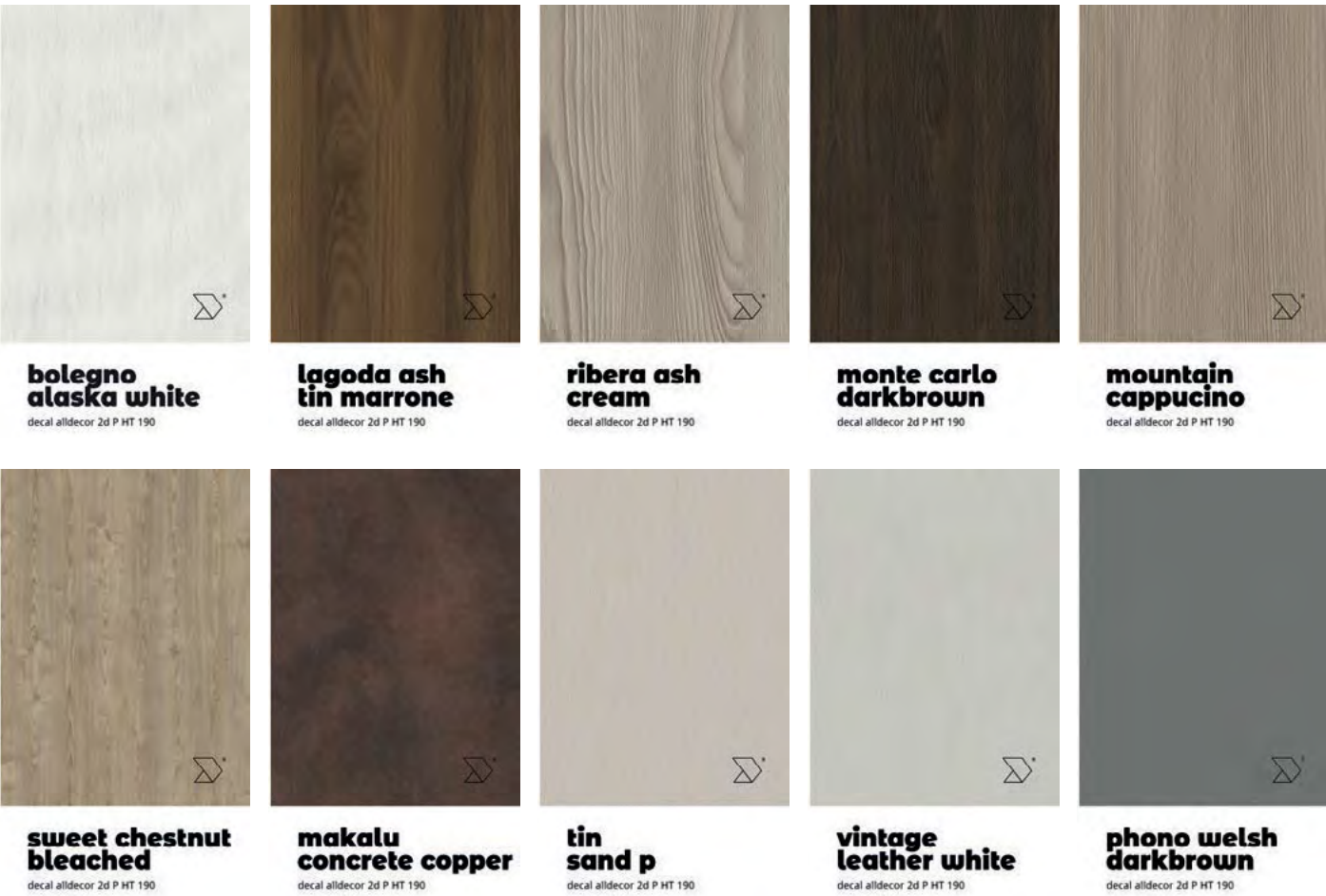
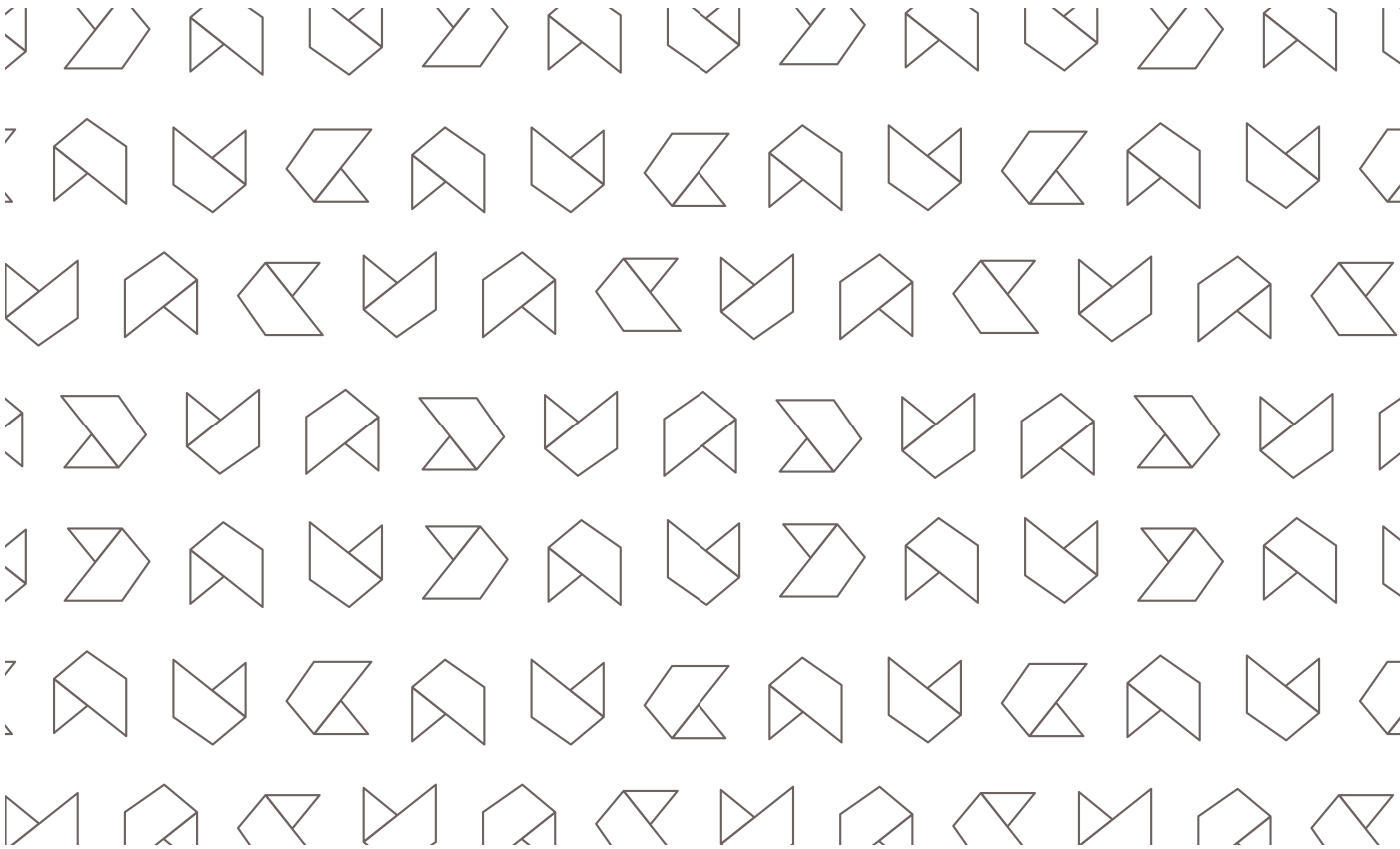




# all decor 2d

by decal

new atmospheres, new sensations







**AkzoNobel**

**Interpon®**  
POWDER COATINGS





Colour your metal architecture forever!

Our broad series of products regard to sustainable coating shades in several finishes of Interpon D AkzoNobel superdurable powders for applications in architectural projects and furniture frameworks.

Andreas Jacovides offers the Interpond D2525 architectural powders in a comprehensive selection of colors and finishes, textures and gloss levels:

- **Collection Futura** – The Latest fashion trends
- **Structura** – Super-durable RAL colors
- **Structura FLEX** – Super-durable & Flexible
- **Collection Anodic** – Exclusive Metallic effect finishes



**Interpon Design App**  
Created especially for  
architects and specifiers



**Environmental Production  
Declaration**

An EPD® is a certified Eco-footprint;  
our commitment to sustainability

## Collection Futura



## Structura



## Structura FLEX

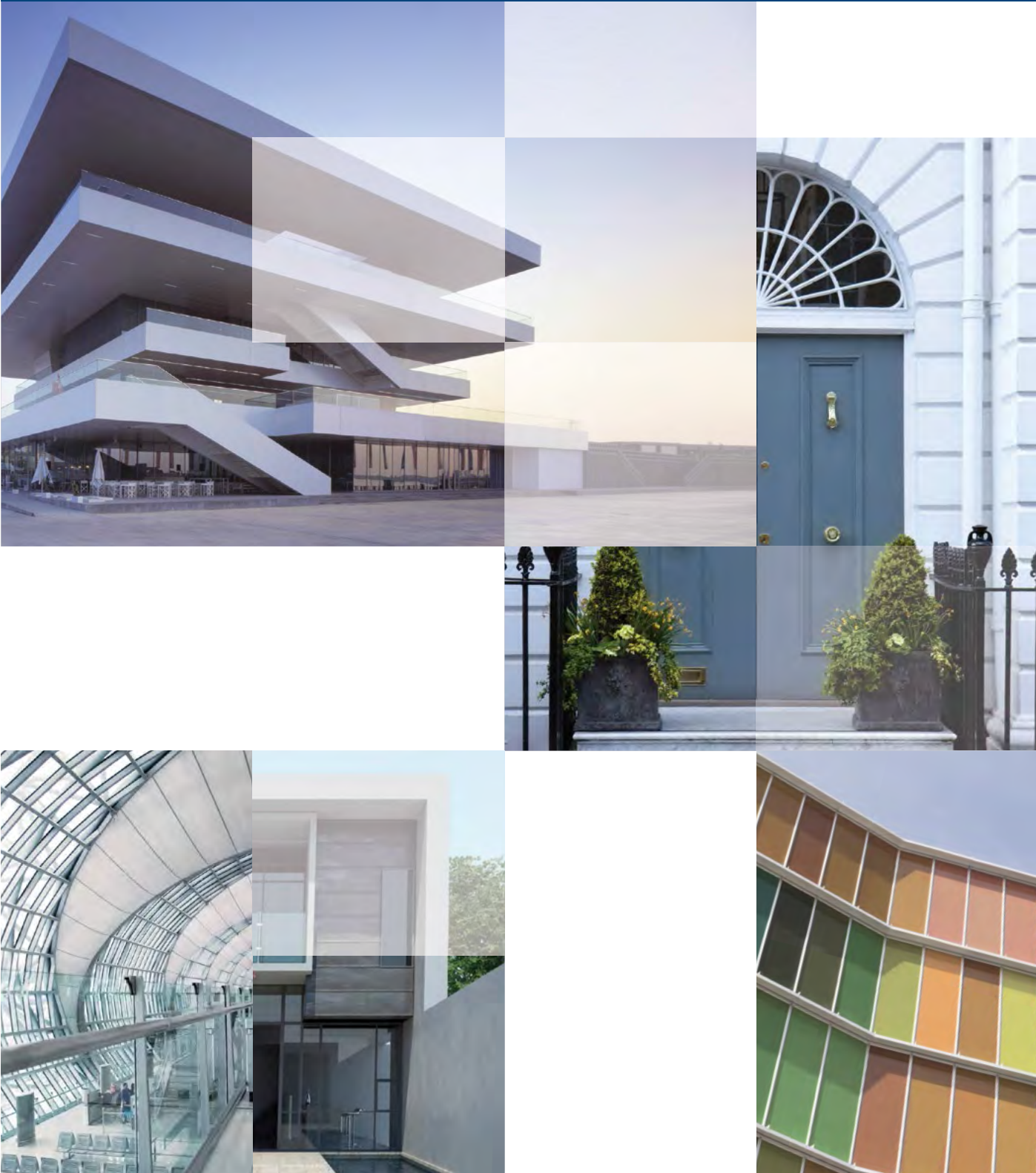


## Collection Anodic





Interpon D: Powder Coatings for Metal Architecture



Interpon D

World’s largest coatings company

AkzoNobel is a multinational company that serves customers around the world with coatings and chemicals. With headquarters in the Netherlands, the company has activities in more than 80 countries with more than 58,000 employees in our coatings activities worldwide.

AkzoNobel enjoys a leading global position in powder coatings, with more than 29 factories on 5 continents. The worldwide activities of AkzoNobel Powder Coatings are brought under the global brand mark **Interpon**.

**Interpon** powder coatings products are supplied to key market sectors like Architectural, Automotive, Appliance, Furniture, General Industrial, General Trade Coaters, and IT markets.

In the Architectural market, our global product range goes under the brand **Interpon D**. The **Interpon D** range is a complete offer of premium grade architectural powder coatings meeting all major international architectural standards and specifications.

With more than 35 years global track record on the most prestigious buildings projects in the world, the products from the **Interpon D** range can provide coating solutions for all performance demands and environments.

Interpon D range

The **Interpon D** range encompasses three product series, which are available in qualities tested and approved to major international specifications and quality labels. The key information table below provides a very short summary of the **Interpon D** range.

	Standard durability	Ultra durability	Hyper durability
	D1000 series	D2000 series	D3000 series
Product ranges	Interpon D1036* Interpon D1025*	Interpon D2525	Interpon D3000 Fluoromax
Specifications	1 year Florida specifications <ul style="list-style-type: none"><li>• Qualicoat Class 1</li><li>• AAMA2603</li><li>• EN 12206 (formerly BS6496)</li></ul>	3 and 5 years Florida specifications <ul style="list-style-type: none"><li>• Qualicoat Class 2</li><li>• AAMA2604-05</li><li>• EN 12206 (formerly BS6496)</li></ul>	10 years Florida specifications <ul style="list-style-type: none"><li>• Qualicoat Class 3</li><li>• AAMA2605-05</li><li>• EN 12206 (formerly</li></ul>
Recommended end uses	<ul style="list-style-type: none"><li>• Non-critical exterior</li><li>• All interior applications</li><li>• Residential</li></ul>	<ul style="list-style-type: none"><li>• Critical exterior and interior environments</li><li>• Commercial buildings</li></ul>	<ul style="list-style-type: none"><li>• Extreme exterior environments</li><li>• Commercial</li><li>• Monumental</li></ul>
Interpon D project guarantees*	10 years exterior 15 years interior	15 years exterior 25 years interior	20 years exterior 25 years interior
Finishes	Gloss Satin Matt Texture	Gloss Satin Matt Texture	Satin Matt

















**NATIONSTAR**







## LED Signage & Power Supplies

Being the trusted Leader in Power Supplies and LED Drivers in Cyprus, Andreas Jacovides Trading Ltd. engages in the promotion of MEAN WELL® complete range of power solutions between 0.5W-25,600W scales respectively. The products we support include AC/DC power supply devices, LED drivers, AC/DC battery chargers, DC/DC converters and DC/AC inverters.

Andreas Jacovides Trading Ltd., in cooperation with NC LED®, provides an extensive range of high-efficiency LED modules as well. Our Experts strive to assist you choosing the lighting solutions that best meet your requirements, from innovative LED modules used in signage to advanced LED fluorescent lights and factory lamps, in both white and RGB coloring. Our LED module series is been expanded by adding the NATIONSTAR® brand. With these products we additionally supply low voltage color-changing lighting LED strips with waterproof capabilities, covering all residential and commercial applications.

Our Technical Team supports with end-to-end technical solutions and after sales support for every occasion.



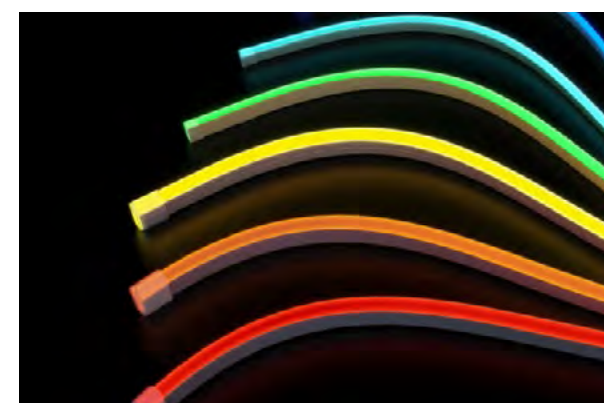
### Led Strips



### Led Modules



### Top Bending Neon Flex



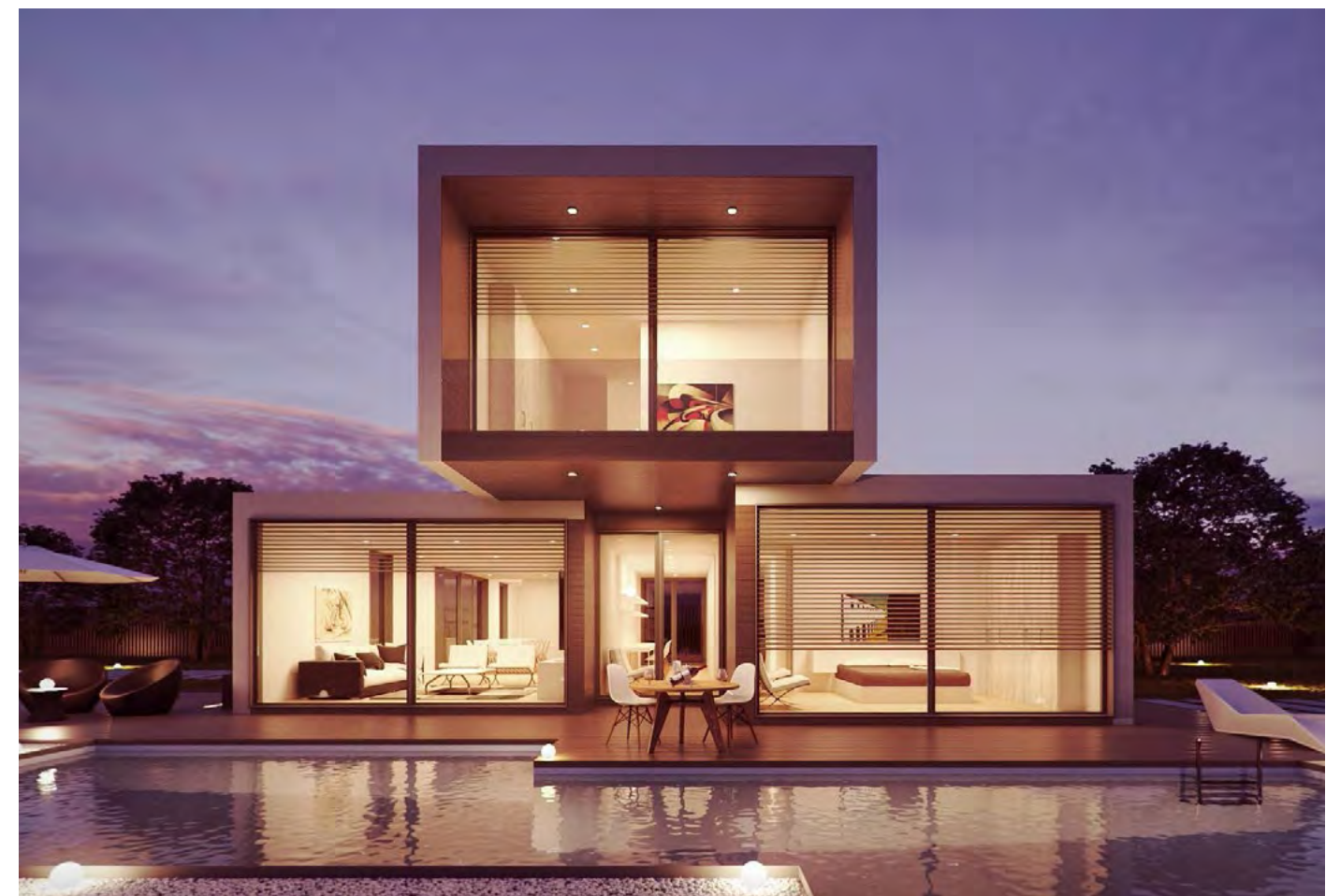
### Power Supply







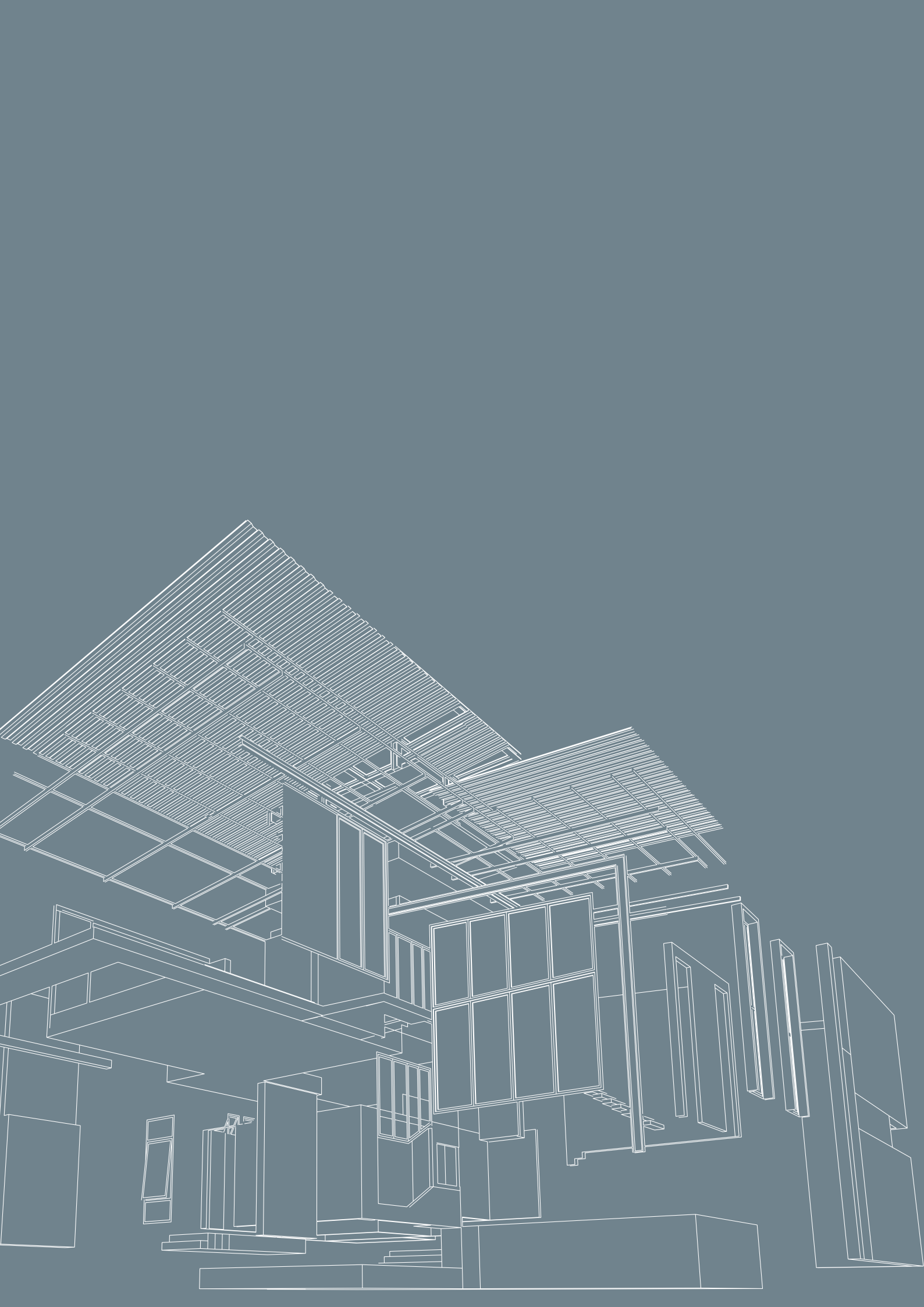












*Thank you*

**ajacovides**  
Andreas Jacovides Trading Ltd



# Architectural Solutions

for indoor & outdoor decoration

**ajacovides**  
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