

Architectural façades

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ArcelorMittal

The sky's the limit

Unleash limitless possibilities in sustainable architectural design with ArcelorMittal Construction façades. Wield colour, shape and texture to sculpt the world around you and create buildings that evoke awe or blend seamlessly within their environments.

Many architects hold firm the belief that form follows function. That's why ArcelorMittal Construction's façades are created to be as functional as they are beautiful. From fire-resistance to energy efficiency, whatever needs drive your project, you can be sure our façades will perform to the highest standards.

This brochure is intended to provide you with the inspiration and conviction you need to bring your projects to life exactly as you imagine them. So, read on and let your creativity soar.

Inspiring Smarter Building



Architectural façades

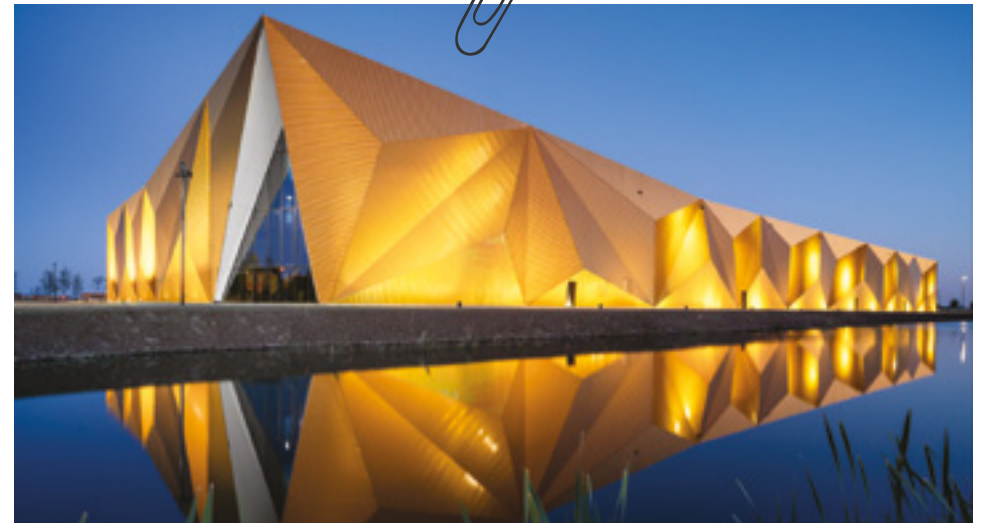
Unique skins in any colour and shape

Our diverse range of profiles will add unique character to your buildings and deliver the highest levels of performance. And because we control the manufacturing process, we can create profiles to almost any shape, any colour or any specification, giving you total freedom of design. Be as bold as you dare.





ArcelorMittal



Location
Houten, Netherlands

Architect
wilma wastiau

Products
Plain & perforated Isis

Coating & colour
Granite silky shine

Building type
Industrial and logistics

Photographer
© Martijn Kort

Royal Dutch Mint

Eclectic®

Project

Arma Keukens & Sanitair

Location

Nunspeet, Netherlands

Architect

Buro Holdijk

Products

Eclectic®

Coating & colour

Hairexcel® Kohl

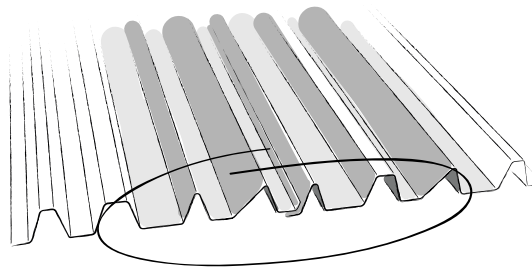
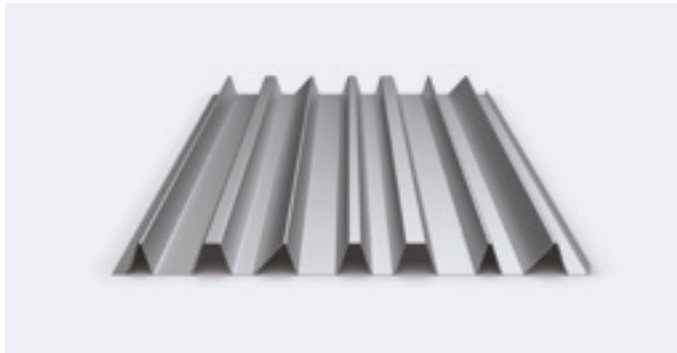
Building type

Showroom & storage

Photographer

© LT Photography

*Mix Eclectic® profiles to create
random barcode patterns*

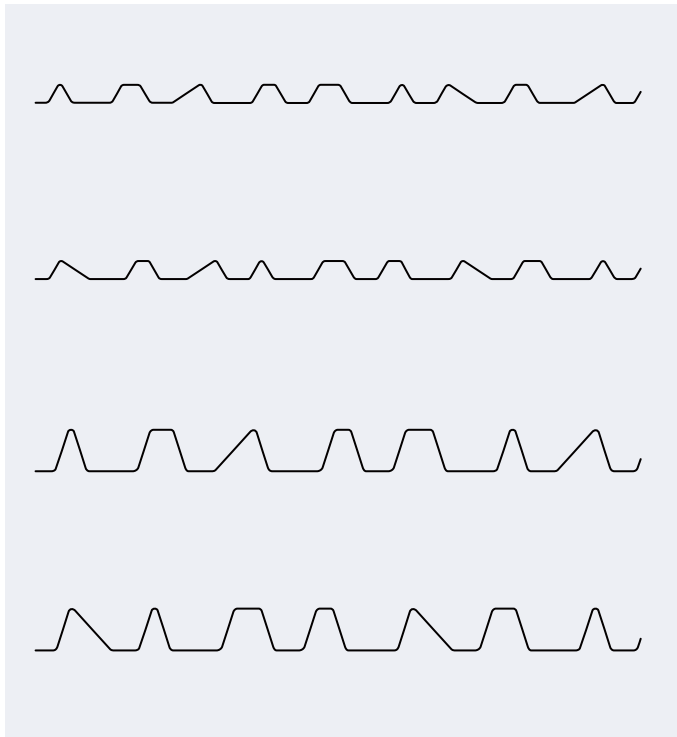


Go asymmetric, symmetric or random with the Eclectic® range. Undulating waves at various angles allow you to play with randomised barcode patterns of light and shadow. Available in four styles, combine our subtler Eclectic® 30 profiles with the bolder Eclectic® 50 variant in any sequence to create something truly unique.

- Asymmetric geometry
- Mix 4 compatible variants of Eclectic® profiles in any sequence
- Perforation available
- Huge range of colours and coatings

Technical details

Nominal steel thickness (mm)	0.63 or 0.75
Weight (kg/m ²)	8.37 - 9.97
Max. length (mm)	12 (vertically mounted)
Max. length (mm)	9.5 (horizontally mounted)
Profiling	Asymmetrical
Mounting	Visible



Isis

Project

Royal Dutch Mint

Location

Houten, Netherlands

Architect

wilma wastiau

Products

Plain & perforated Isis

Coating & colour

Granite silky shine

Building type

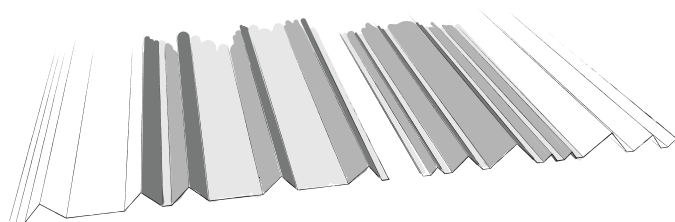
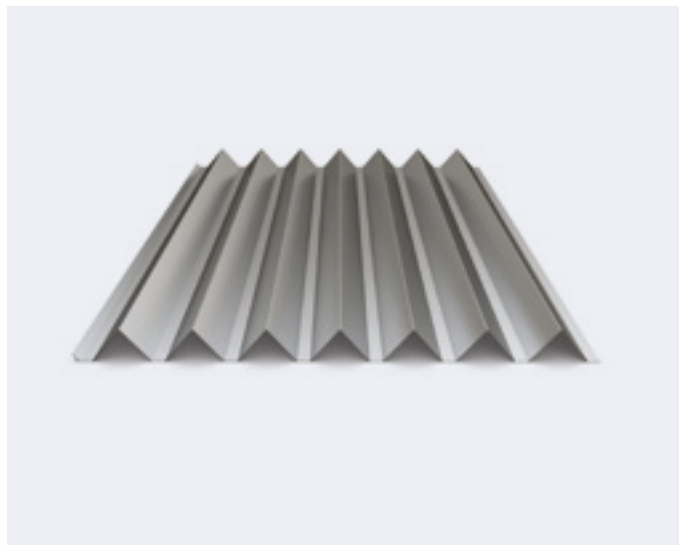
Industrial and logistics

Photographer

© Martijn Kort

*Explore regular or random
wave frequencies*

Triangular waves

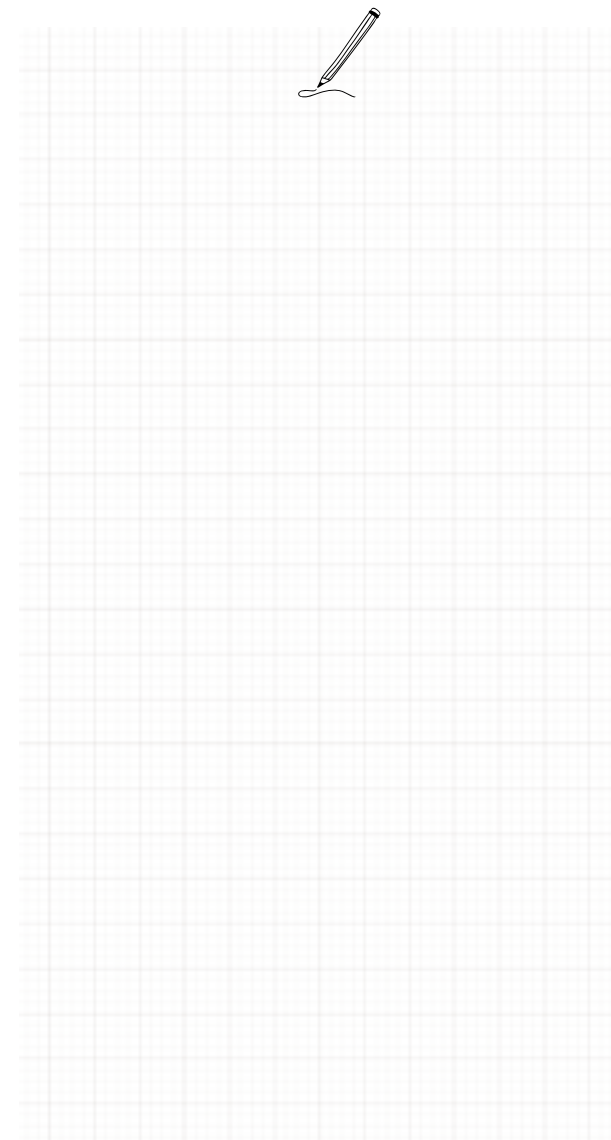
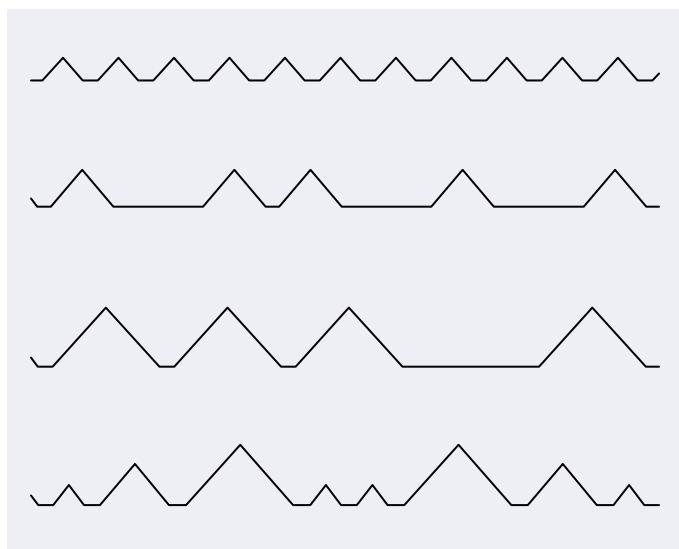


Triangular point profiles in an infinite combination of colours, widths, depths and sequences create rigid or random linear patterns for a look that's both contemporary and timeless.

- Regular or random wave depths from 20 – 150 mm
- Oblique waves on request
- Perforated finish on consultation
- Vertical or horizontal installation
- Lengths from 750 to 6,000 mm
- Visible fixings

Technical details

Nominal steel thickness (mm)	0.63 - 0.75
Weight (kg/m ²)	6.86 - 8.56
Working width (mm)	840 - 880
Max. length (mm)	6,000
Min. length (mm)	750
Profiling	Triangular or pyramidal
Mounting	Visible



Creneo

Project

Cinema Jean-Claude Carrière

Location

Bédarieux, France

Architect

A+ Architecture

Products

Creneo

Coating & colour

Hairplus® in Titanium,
Burgundy, Ruby & Baldosa

Building type

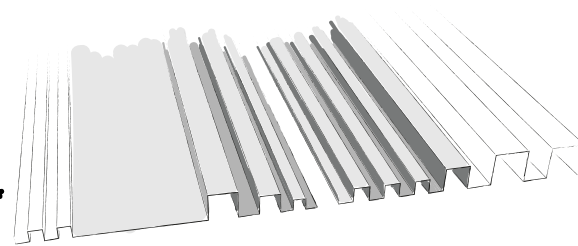
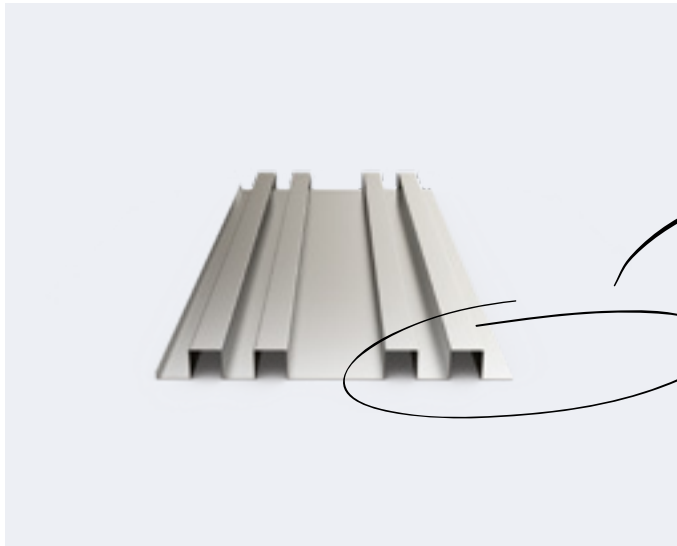
Leisure

Photographer

© Camille Gharbi

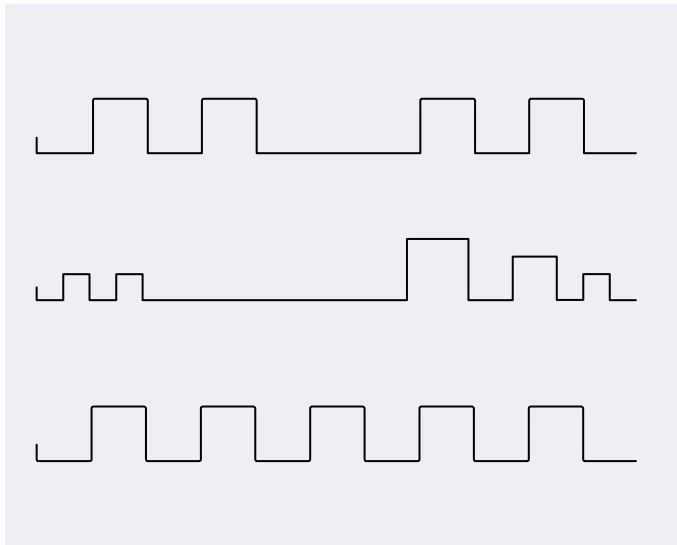
*Install horizontally
or vertically*

*× Explore regular or random
wave sequences*



Square-waved Creneo profiles are made to measure, enabling you to utilise regular or random patterns with geometries of varying depths and widths. Perforation and the full range of Colorissime colours give you even further choice; the possibilities are boundless.

- Regular or random wave depths ranging from 25 to 70 mm
- Oblique angles on request
- Optional perforation
- Vertical or horizontal installation
- Visible fixings



Technical details

Nominal steel thickness (mm)	0.75
Weight (kg/m ²)	0.63 - 11.95
Working width (mm)	560 - 600
Max. length (mm)	6,000
Min. length (mm)	1,000
Profiling	Square
Mounting	Visible

Adour

Project

ENI - National School
of Engineering

Location

Tarbes, France

Architect

Agence Hirsch
& Zavagno Architectes

Products

Adour

Coating & colour

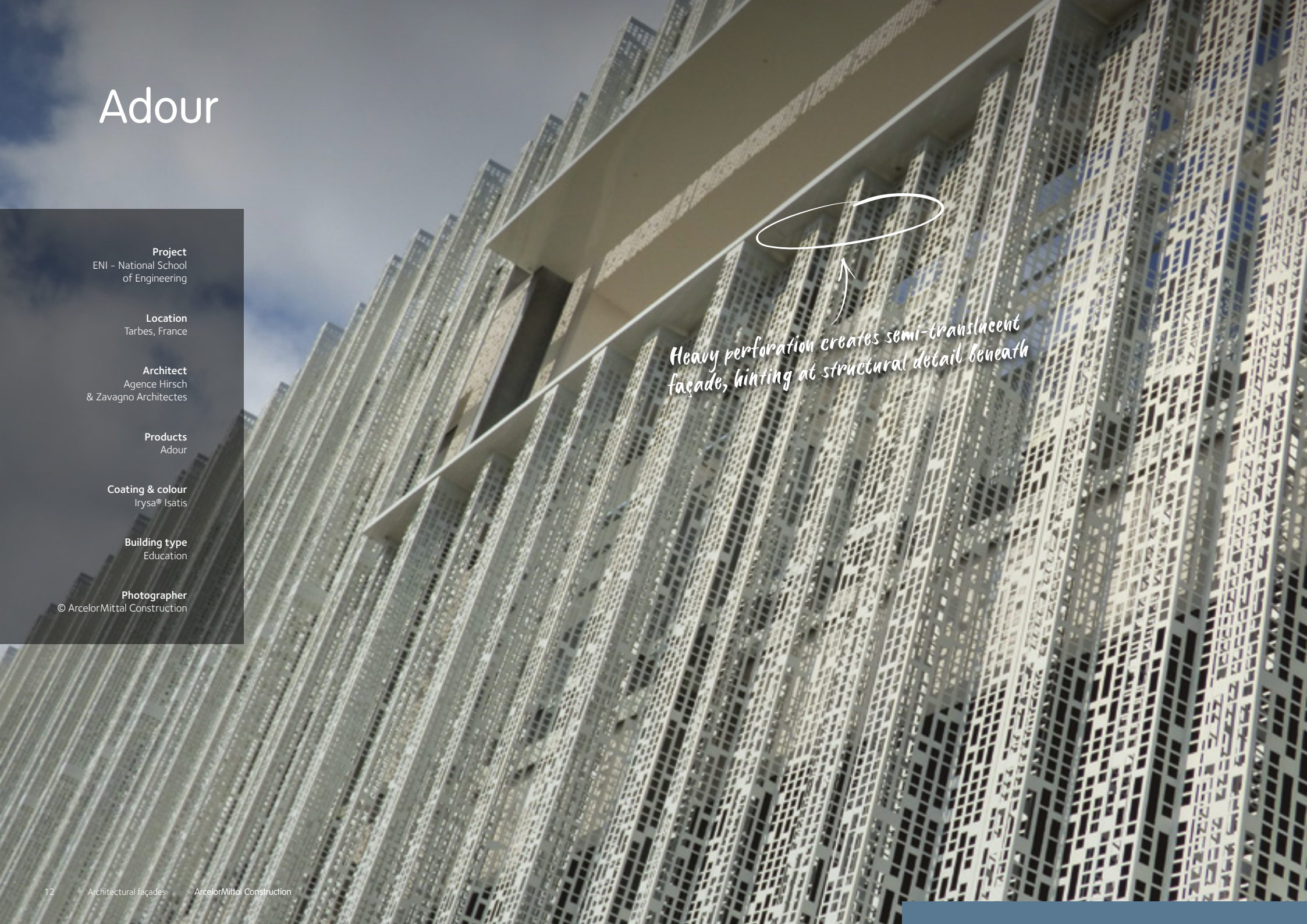
Irysa® Isatis

Building type

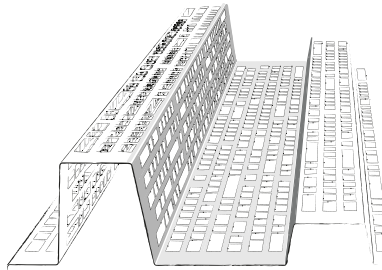
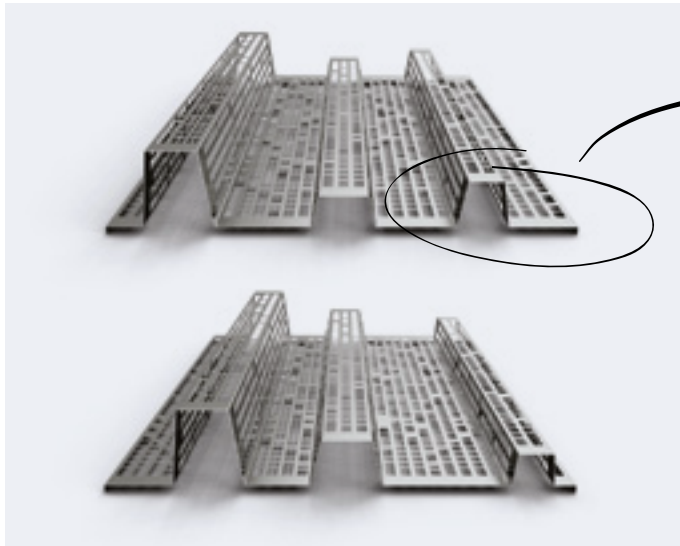
Education

Photographer

© ArcelorMittal Construction

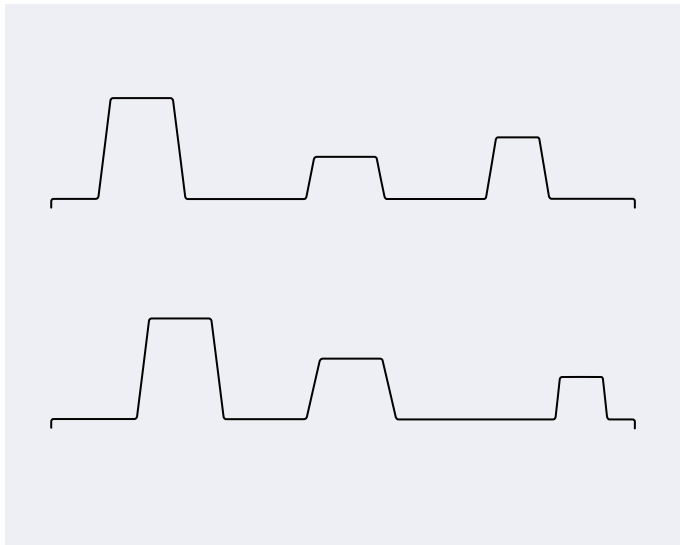


*Heavy perforation creates semi-transparent
façade, hinting at structural detail beneath*



With trapezoidal waves of differing depths and frequency and random rectangular perforations, Adour creates buildings which sizzle with individuality. Up close, the façade has the elegance of fine lace. From afar, as the detail catches the light, it sparkles like the surface of a calm ocean on a clear day. Semi translucency serves to reveal a glimpse of the structure beneath, allowing you to play with colour and shape, but also making Adour ideal for use as a sunshade.

- Available in aluminium, stainless steel and steel
- Random rectangular perforation
- Trapezoidal waves at three different depths
- Visible fixings
- Vertical installation



Technical details

Nominal steel thickness (mm)	1.00
Nominal aluminium thickness (mm)	1.50
Weight (kg/m ²)	12.62
Max. length (mm)	6,000
Min. length (mm)	800
Profiling	Square
Mounting	Visible

Mascaret®

Project

AZ Sint-Jan

Location

Brugge, Belgium

Architect

VK Architects & Engineers

Products

Mascaret®

Coating & colour

Pearl Gold

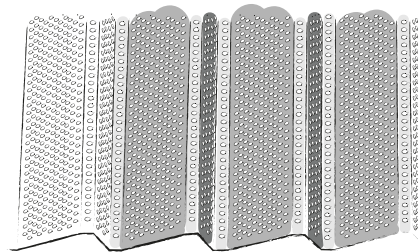
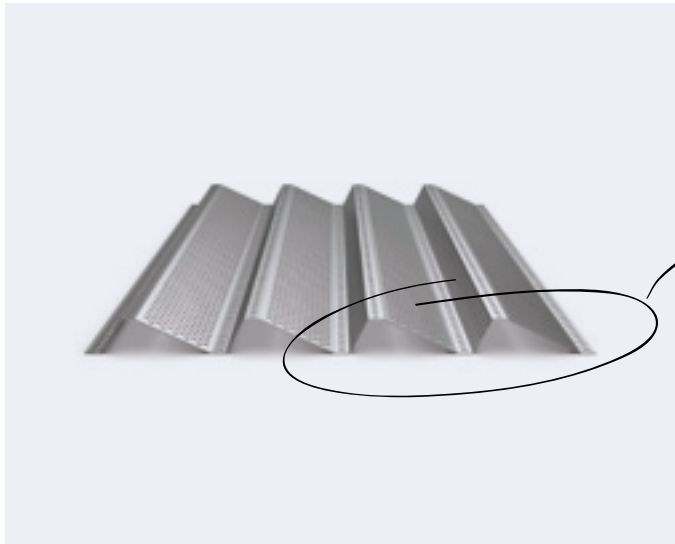
Building type

Parking

Photographer

© ArcelorMittal Construction
(Lieven Tuerlings)

*Disclose dynamic indoor environments
with partial transparency*



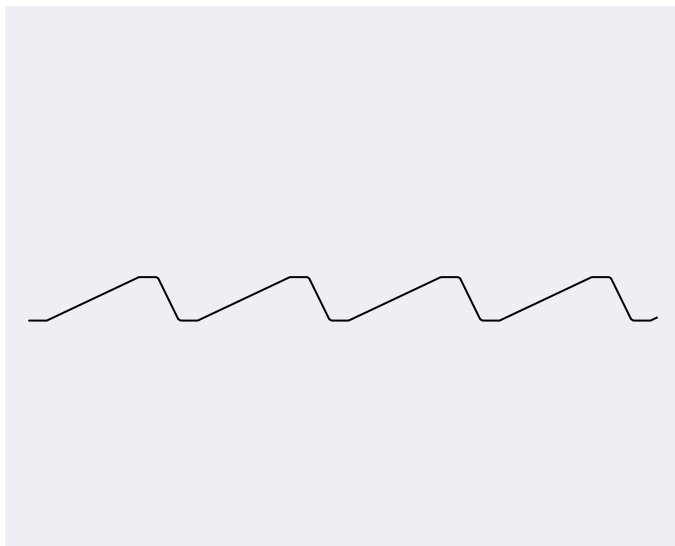
Elegant and timeless, Mascaret®'s leaning – or 'gunwale' – waves are available in various styles of perforation to allow degrees of transparency and light filtration depending on weather, time and season. Reveal as much or as little of what lies beyond the Mascaret® façade as you desire.

- Perfect for use as a sunscreen
- Vertical or horizontal installation
- Tailor-made perforation
- Visible fixing

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	9.96 Kg/m ²
Working width (mm)	910
Total width (mm)	943
Max. length (mm)	5,000
Min. length (mm)	1,000
Profiling	Gunwale effect
Mounting	Visible

Perforation: 27% standard, 23%, 17%, 13%
according to the diameter of the holes



Trapeza®

Project
Dwelling Amoretti

Location
Bordeaux, France

Architect
Rolland & Associés

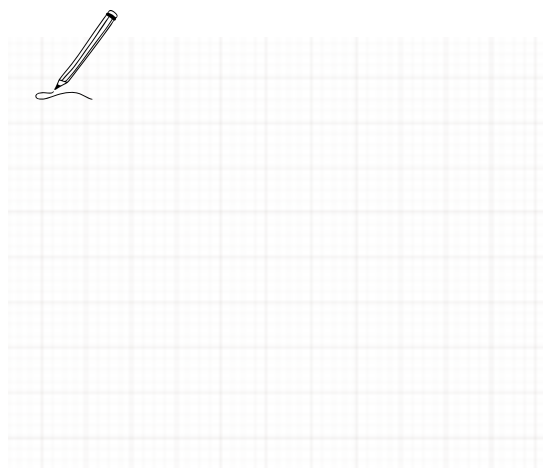
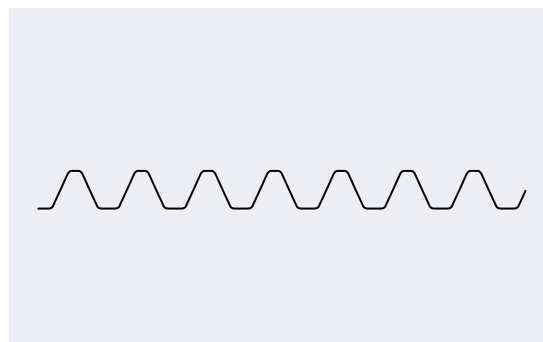
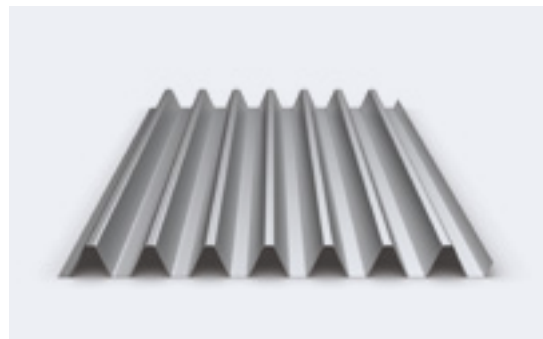
Products
Trapeza®, Arguin®

Coating & colour
Irysa® Swan & Isatis
Intense Champagne

Building type
Residential

Photographer
© Xavier Dumoulin

*Deep trapezoidal waves create vivid
contrasts of light and shadow*



Add rhythm and vibrancy to your design with Trapeza®'s deep, narrow trapezoidal waves.

- Install vertically or horizontally
- Add perforation and use Trapeza® as a sunscreen
- Available in a huge range of colours and coatings

Technical details

Nominal steel thickness (mm)	0.75
Weight (kg/m ²)	Depending on type of profile selected
Working width (mm)	Depending on type of profile selected
Total width (mm)	Depending on type of profile selected
Max. length (mm)	12,000
Min. length (mm)	Depending on type of profile selected
Profiling	Trapezoidal
Mounting	Visible

Oceane®

Project
Les Jardins De L'Ars Parking

Location
Bordeaux, France

Architect
Lobjoy & Bouvier & Boisseau
Project master: Indigo Park

Products
Oceane®

Coating & colour
Stainless steel high gloss

Building type
Car park

Photographer
© Christophe Pit

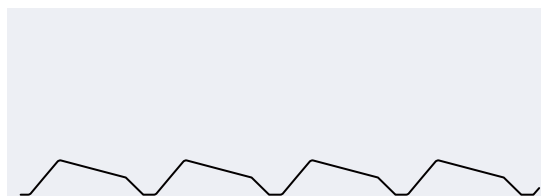
Geometry can be adapted on request



ArcelorMittal



Oceane 70



Oceane 70



Reminiscent of picturesque wooden clapboard, Oceane® blends a touch of nostalgic, rustic charm with the very modern possibilities of architectural façade profiles. Oceane®'s sawtooth waves are available in a variety of depths and can be installed either vertically or horizontally.

- Speak to us about customised perforation
- Perfect for use as sunshade when perforated
- Can be installed vertically or horizontally
- Available in three different thicknesses
- Sawtooth waves come in three different depths

Technical details

Nominal steel thickness (mm)	0.75 – 1
Weight (kg/m ²)	Variable
Max. length (mm)	13,000
Working width (mm)	Depending on profile, 960, 1000 or 1050
Profiling	Sawtooth
Mounting	Visible
Available profiles	Oceane 30, Oceane 50 and Oceane 70

Abygge

Project
Chemistry School

Location
Brunstatt-Dbenheim, France

Architect
Main Architects: Dusapin &
Leclercq. Execution Architect:
Emergence

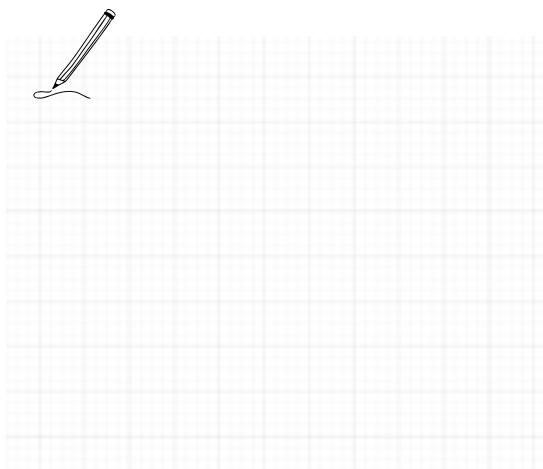
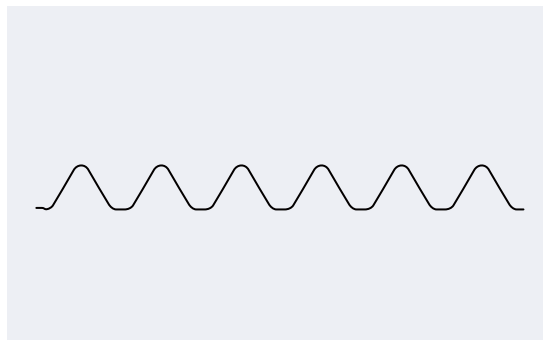
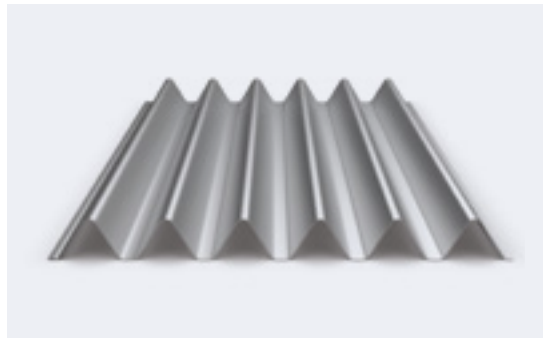
Products
Abygge

Coating & colour
Solexcel®

Building type
Educational

Photographer
© ArcelorMittal Construction

*Geometry can be
adapted on request*



The Abygge, Baïne®, Arguin® and Arguin® XL façades all share a common pulse of symmetry with their triangular or sinusoidal waves adding a decorative flourish to any design.

- Symmetric triangular waves
- Horizontal installation on façade or over roofing
- Visible fixing

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	10
Working width (mm)	800
Total width (mm)	861
Max. length (mm)	4,000
Min. length (mm)	1,000
Profiling	Sinusoidal
Mounting	Visible

Please check with us for other materials

Baine®

Project
Matrix offices

Location
Houdan, France

Architect
Fanny Quitard architecte

Products
Baine®

Coating & colour
Edyxo®, Hairplus® Silver

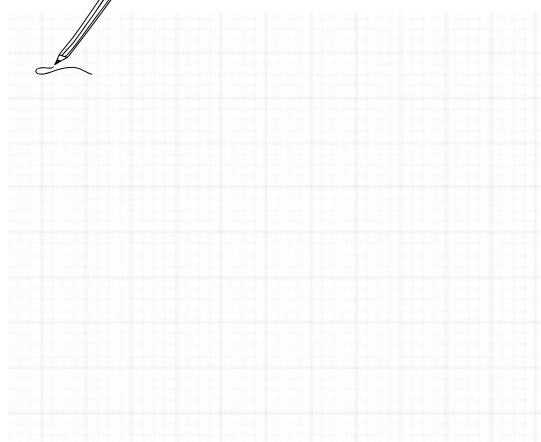
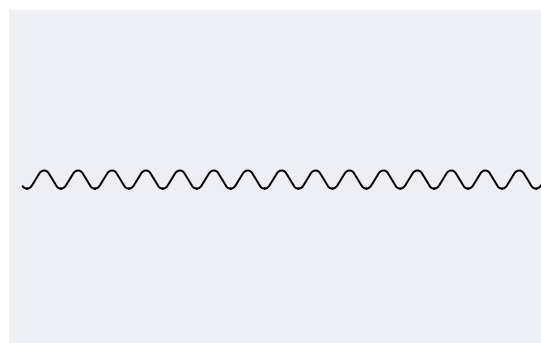
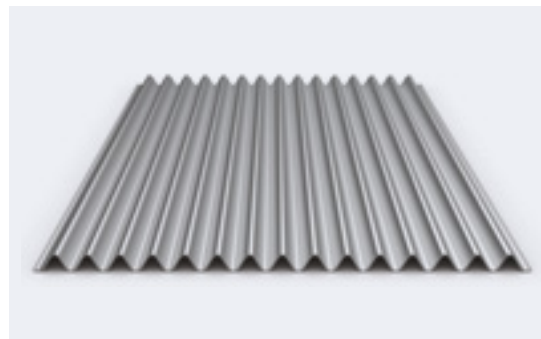
Building type
Office

Photographer
© Fanny Quitard architecte

Geometry can be adapted on request



ArcelorMittal



Give any exterior a dynamic spark with the smooth, rapid waves of our Baine® façade. Combine it with Abyssé, Arguin® and Arguin® XL for even more diverse patterns and textures.

- Symmetric sinusoidal (rounded) waves
- Vertical or horizontal installation
- Used as internal or external cladding and over roof
- Wave widths and frequency can be changed on request
- Wave profiles allow for large spans and double skin cladding
- Visible fixing

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	14
Working width (mm)	720
Total width (mm)	720
Max. length (mm)	4,000
Min. length (mm)	1,000
Profiling	Sinusoidal
Mounting	Visible

Please check with us for other materials

Arguin® and Arguin® XL

Project
Hospital Center

Location
Saint-Paul, France

Architect
AIA Architectes

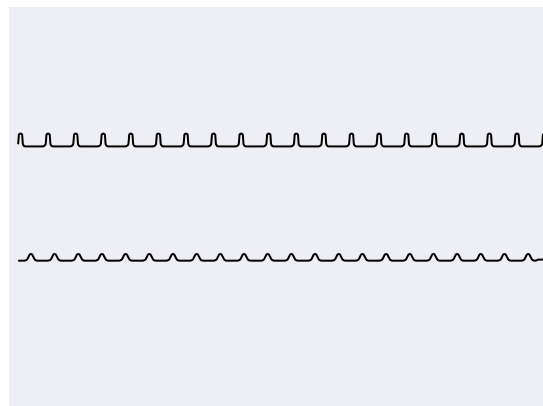
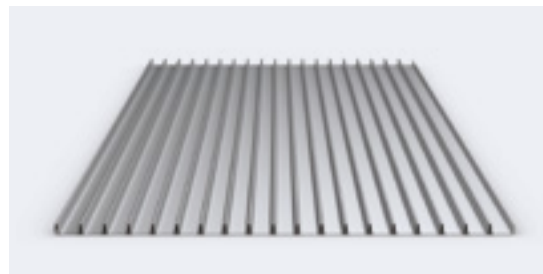
Products
Arguin® XL

Coating & colour
Hairultra® Opale

Building type
Health

Photographer
© Castel et Fromaget

Wavy pattern lines



Arguin® and Arguin® XL's microbent profiles bestow a highly distinctive linear, almost pinstripe, detail. Request customised wave widths and frequencies or combine with Baïne® and Abye for added variety.

- Unique microbent waveforms
- Vertical or horizontal installation
- Can be used as external cladding, over roof or for internal decoration
- Wave widths and frequency can be changed on request

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	10
Working width (mm)	555 / 741
Total width (mm)	555 / 741
Max. length (mm)	3950 Arguin® 4000 Arguin® XL
Min. length (mm)	1,000
Profiling	Microbent waves
Mounting	Visible
Amplitude (mm)	7.7 / 19.7

Please check with us for other materials

Caïman®

Project
Base of Eaux vives

Location
Tilloy-lès-Mofflaines, France

Architect
Avant Propos

Products
Caïman®

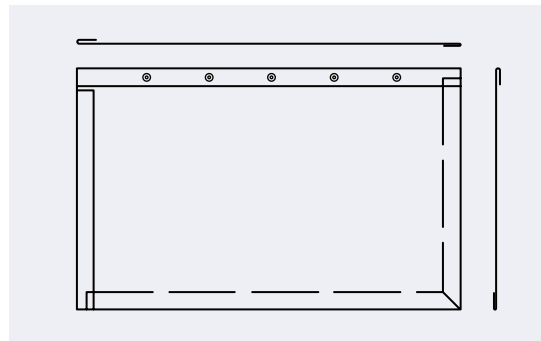
Coating & colour
Inox touch gloss stainless steel

Building type
Sport

Photographer
© Boris Michel

*Scales to enlarge
the beauty*


ArcelorMittal



Bring your architecture to life with our overlapping Caïman® cladding system. Hidden fixings, customised plate shapes and irregular installation angles can combine to create surfaces that feel almost organic, redolent of reptilian scales.

- Hidden fixings
- Tailor-made dimensions
- Available in stainless steel, pre-painted steel and aluminium

Technical details

Nominal steel thickness (mm)	0.75
Weight (kg/m ²)	Variable
Max. length (mm)	1,000
Max. height (mm)	800
Profiling	Scale effect
Mounting	Hidden

Please check with us for other materials



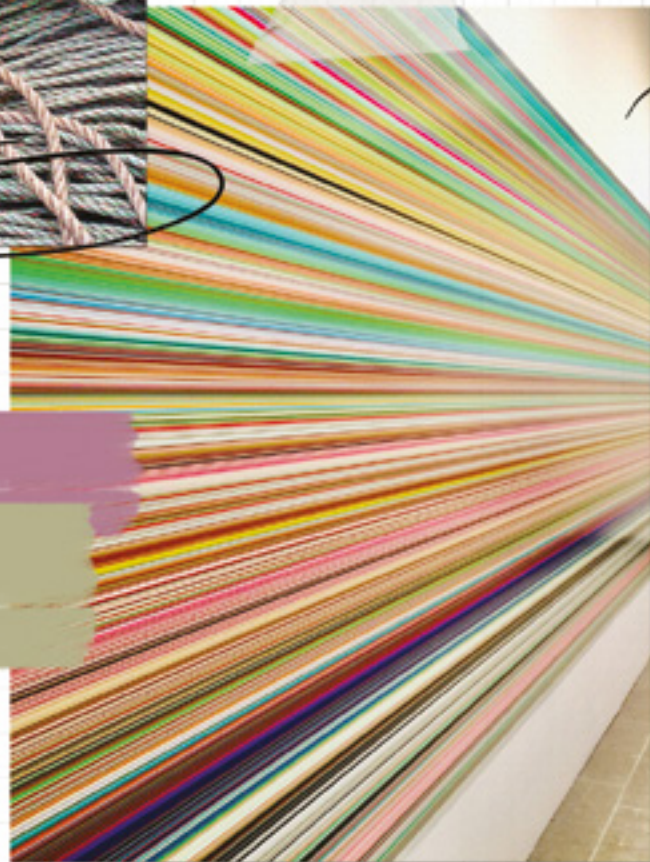


SAINT-JEAN *Sud de France*

Sidings

Perfect form and function from every perspective

Da Vinci once stated, 'simplicity is the ultimate sophistication'. While Mies van der Rohe remarked, 'God is in the details'. Whatever your vision, there are an infinite number of ways to surprise and delight with ArcelorMittal Construction's sidings products. Create straight lines or origami folds to customise façades and balance aesthetic appeal with performance.





ArcelorMittal



Location

Saint-Mitre, France

Architect

Ctb Letessier Corriol

Products

Gascogne

Coating & colour

Pearl in a variety of colours

Building type

Office

Photographer

© Florent Joliot

Technoptics Marseille

ST Evolution

Project

ALSH Animation center

Location

Beychac-et-Caillau, France

Architect

Agence d'architecture F. Laffitte

Products

ST

Coating & colour

Hairplus® post-coated
"Old leather"

Building type

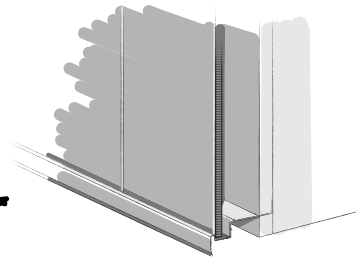
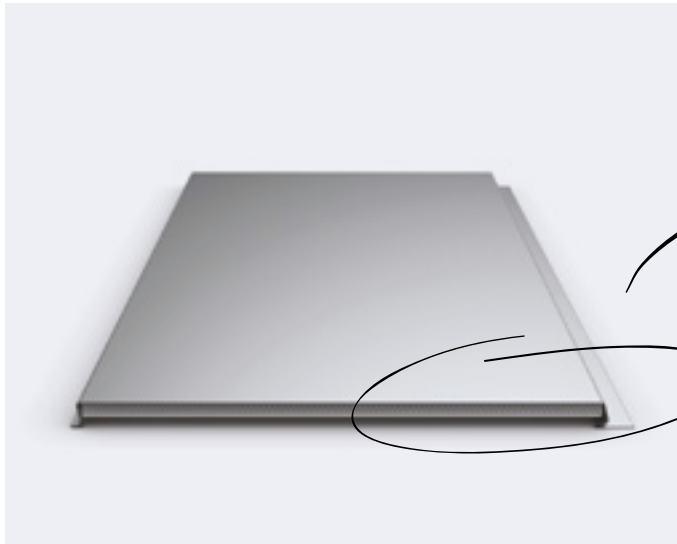
Public

Photographer

© Christophe Pit

*Available in stainless steel,
pre-painted steel or aluminium*

*Hidden fixings deliver
smooth surfaces*



The linear design of ST Evolution range allows architects to emphasize the perception of expansive space. Very similar to the ST range with its hidden fixings, ST Evolution creates fluid outlines that catch the eye – the key difference being a non-visible synthetic reinforcement on the internal side of the panel, which improves flatness.

- Install vertically or horizontally
- Hidden fixings
- Synthetic reinforcement on internal surface
- Different nesting types available: standard HZ nesting starts from bottom of façade. JCD, JCB and V type nesting also available on demand.



Technical details

Nominal metal thickness (mm)	1.00 / 1.50
Weight (kg/m ²)	14.3 / 18.3
Max. length (mm)	6,000 / 4,500
Working width (mm)	600 - 900
Profiling	Flat
Mounting	Hidden

Option: Folded end bending

ST & Hairplan®

Project
Media library

Location
Yvetot, France

Architect
Patrick Vatre - Archicite

Products
ST

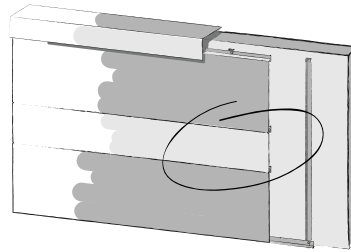
Coating & colour
Irysa® Swan

Building type
Cultural

Photographer
© ArcelorMittal Construction

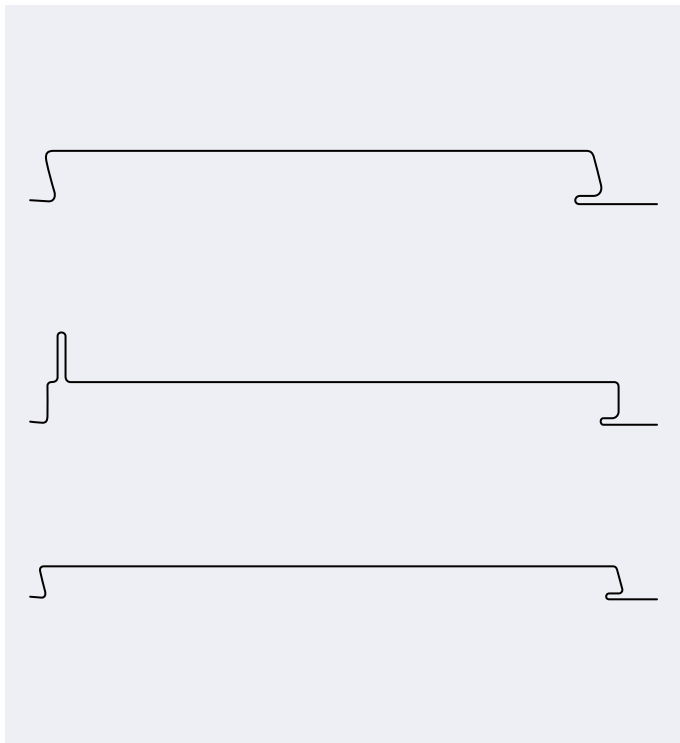
× Hidden fixings deliver smooth surfaces

Available in stainless steel, pre-painted steel or aluminium



With its flat profile, invisible fixings, optional closed edges and recessed joints, ST sidings deliver beautifully smooth textures. But smooth doesn't have to mean 'regular' – crumpled folds and surprising shapes can also be created. Combine ST with its sister ST products to fully realise the possibilities of this versatile system.

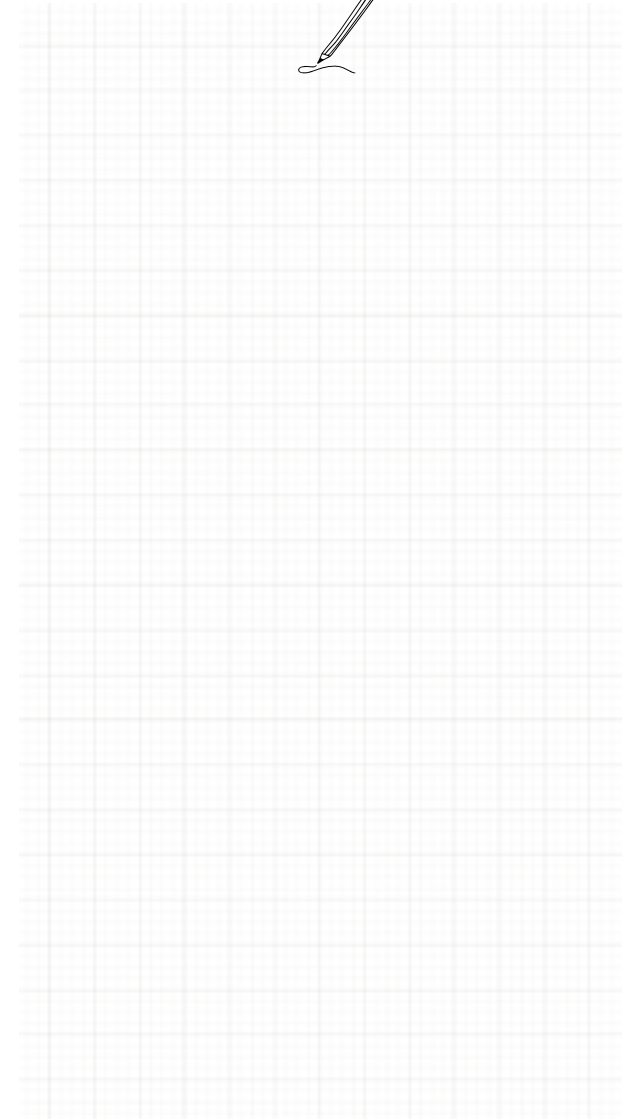
- Optional closed edges for a neater, more cassette-like finish
- Recessed joints possible
- Invisible fixings
- Install vertically or horizontally
- Different interlocking geometries
- Perforated finishes on request



Technical details

Nominal steel thickness (mm)	1.00 - 2.00
Weight (kg/m ²)	Variable
Max. length (mm)	*4,000 - 8,000
Working width (mm)	300 - 500
Profiling	Flat
Mounting	Hidden

*Check with us per type of product



Chaotic

Project
Municipal space Foch

Location
Jarville la Malgrange, France

Architect
B2H

Products
Chaotic

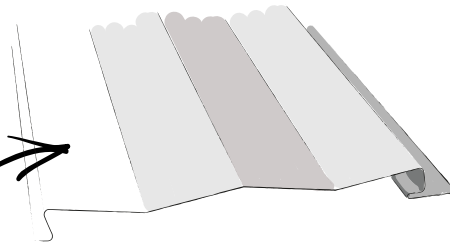
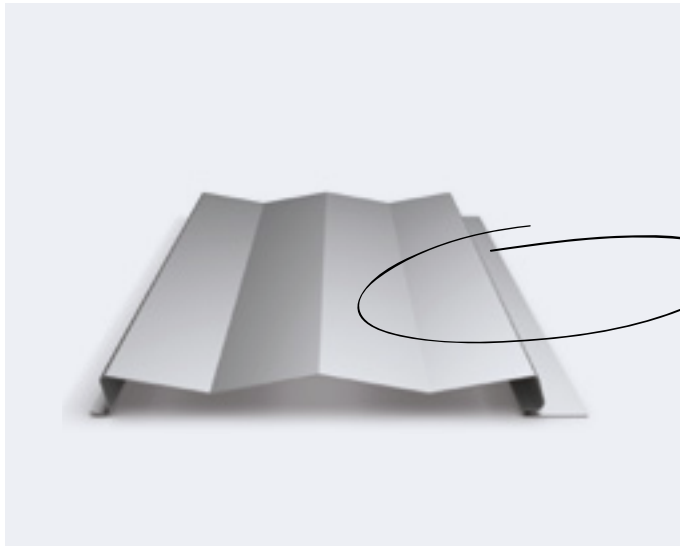
Coating & colour
Irysa® Isatis

Building type
Public

Photographer
© ArcelorMittal Construction

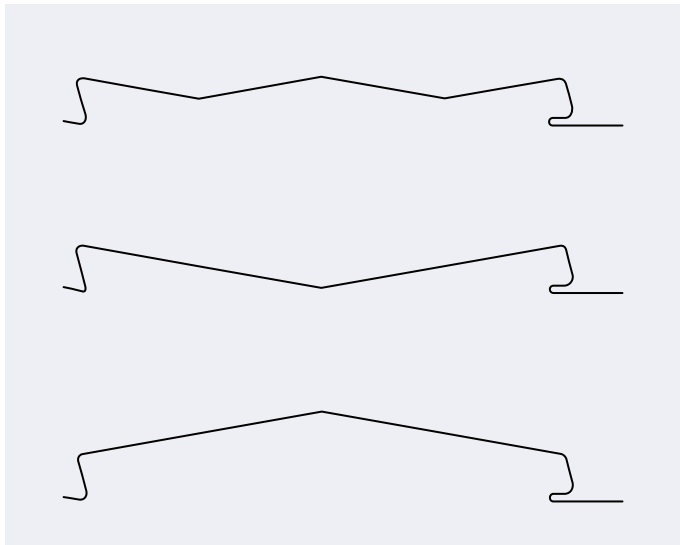
*Hidden fixings deliver
smooth surfaces*

*Available in stainless steel,
pre-painted steel or aluminium*



The Chaotic range consists of three different sidings, each of the same width and with its own profile. Combine them in any order to create façades that evoke a sense of kinesis or use them alongside the Crescendo products for more erratic patterns.

- Invisible fixings
- Install vertically or horizontally
- Used on new builds and refurbishments
- Apply over masonry or as a twin skin system
- Perforation on request



Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	11.10
Max. length (mm)	6,000
Working width (mm)	300
Profiling	Convex, concave and 'W'
Mounting	Hidden



ST Lumiere

Project
New Frontier

Location
Avilés, Spain

Architect
Sergio Baragaño

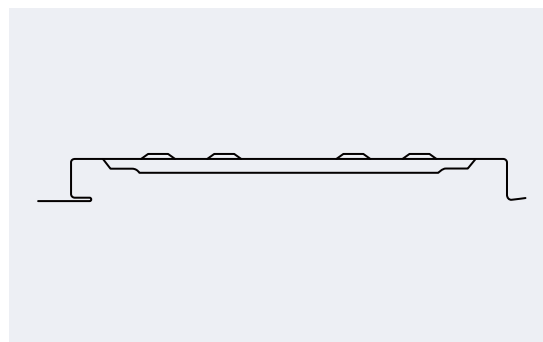
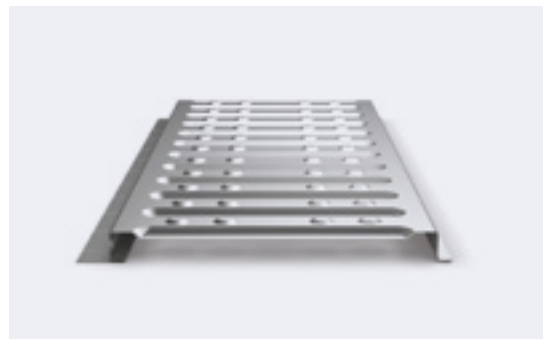
Products
ST, ST Lumière

Coating & colour
Hairexcel® Onyx

Building type
Office

Photographer
© Mariela Apollonio

Blind pattern and shadows



With its distinctive perforation and stamped design, ST Lumiere makes a bold statement as a sunshade, in openwork façades or over roofing. Mix things up by combining it with other ST sister products or with the compatible Littoral siding.

- Incombustible
- Available in classic interlocking and non-interlocking formats
- Invisible fixings
- Additional widths available on request
- Ends can be bent on both sides

Technical details

Nominal steel thickness (mm)	1.00 - 1.20
Weight (kg/m ²)	Variable
Max. length (mm)	6,017
Working width (mm)	300
Mounting	Hidden

Littoral

Project
Exhibition Hall

Location
Colmar, France

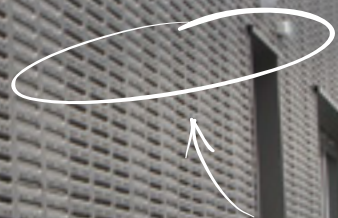
Architect
Weber et Keilling

Products
Littoral, ST Lumiere

Coating & colour
Hairplus® Titanium

Building type
Public

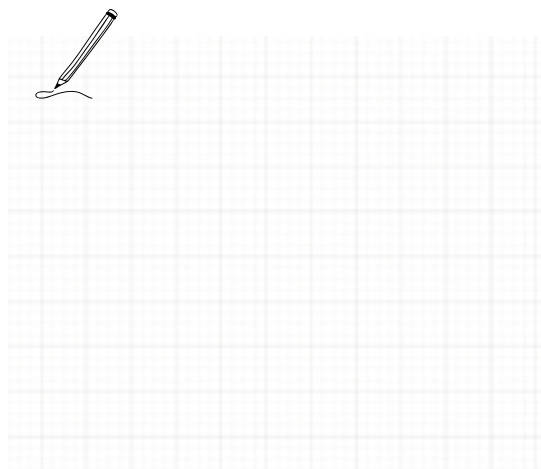
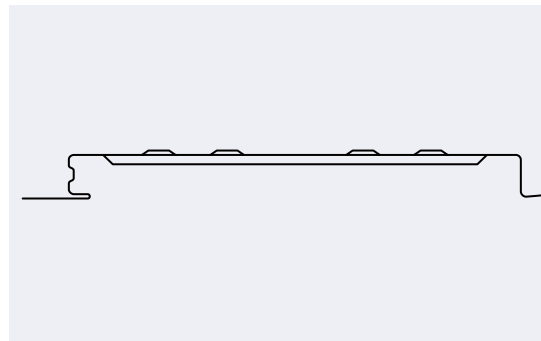
Photographer
© ArcelorMittal Construction



Blind pattern



ArcelorMittal



Very similar in appearance to the ST Lumiere but without perforations, striking stamped patterns provide texture to your building façade and are perfect for use as a decorative rainscreen. Littoral sidings are compatible with all products in the ST range.

- Can be used on masonry or in a twin skin system
- Perfect for use on new builds or refurbishment projects
- Incombustible
- Hidden fixings

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	10.80
Max. length (mm)	2,000
Working width (mm)	300
Mounting	Hidden

Pulsation

Project
Housing Villa Rohan

Location
Bordeaux, France

Architect
Atelier Cambium architects

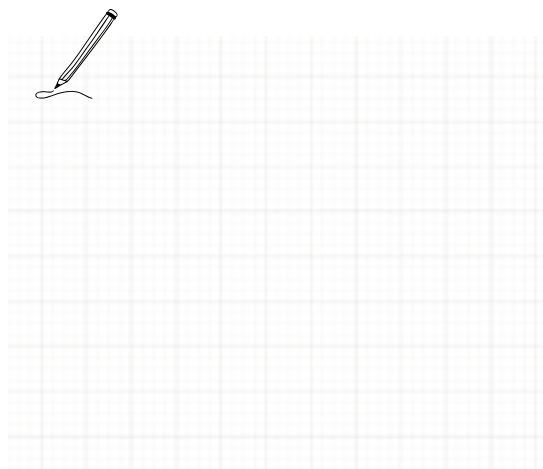
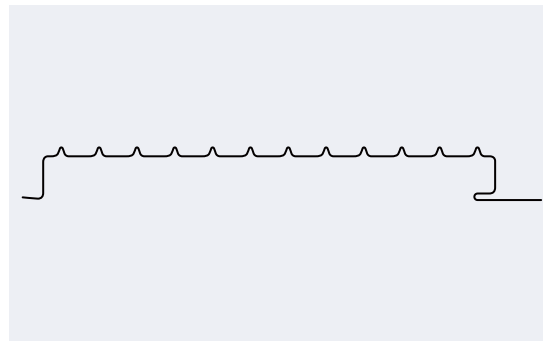
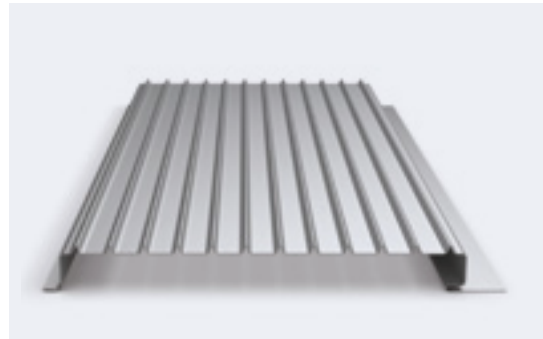
Products
Hacierba®, Pulsation

Coating & colour
Hairplus® Mouse

Building type
Residential

Photographer
© Christophe Pit

X Wavy pattern lines



Small symmetrical ribs catch the light and cast subtle shadows over your building's surface. Use exclusively for a uniform façade or combine pulsation with smooth sidings (such as ST) to provide contrast or relief in texture. Pulsation is compatible with the entire range of versatile ST products.

- Can be used on masonry or in a twin skin system
- Ideal on new builds or renovations
- Incombustible
- Hidden fixings

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	13.10
Max. length (mm)	4,000
Working width (mm)	300
Mounting	Hidden

Vibrato

Project
Office Building – Charles Foix

Location
Ivry sur Seine, France

Architect
JL Muller

Products
Pulsation, Vibrato

Coating & colour
Hairplus® Zinc

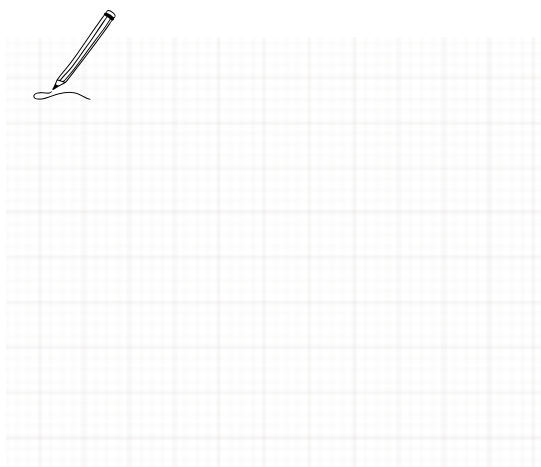
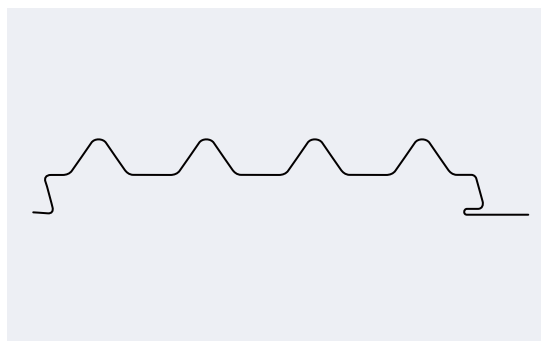
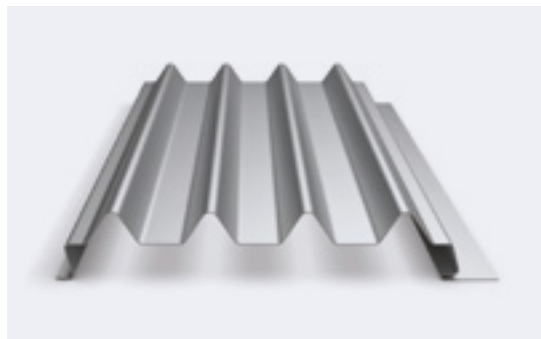
Building type
Office

Photographer
© ArcelorMittal Construction

*Breaking
the flatness*



ArcelorMittal



Much like Pulsation, Vibrato can be used to break up vast flat surfaces with a rippled texture that catches light and casts uniform shadows. However, if Pulsation is subtle, Vibrato is ostentatious; tall ridges stand 75mm high for a strong, bold look.

- Can be used on masonry or in a twin skin system
- Ideal on new builds or renovations
- Incombustible
- Hidden fixings

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	13.50
Max. length (mm)	4,000
Working width (mm)	300
Mounting	Hidden

Etnic

Project
MIT Office

Location
Metz, France

Architect
Atelier du Rempart

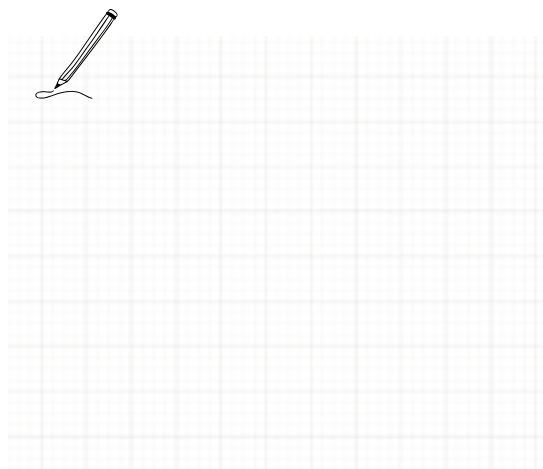
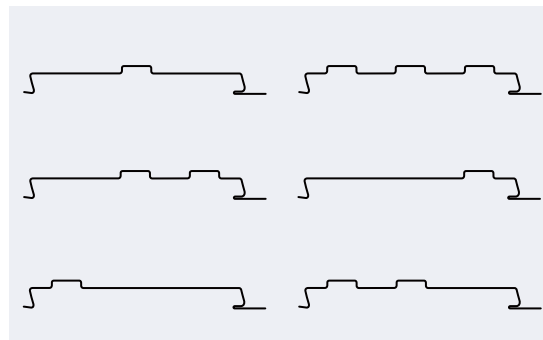
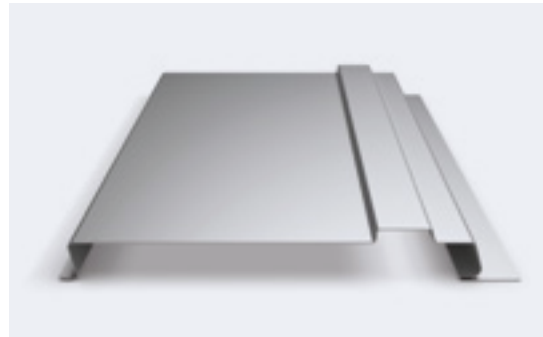
Products
ST, Etnic

Coating & colour
Hairplus® Silver,
Irysa® Octopus,
Muralys®

Building type
Office

Photographer
© Olivier Liévin

Randomising the façade



Combine six different Etnic profiles in any sequence to create a façade that's truly one of a kind. Subtle folded blocks create rectangular waves which can be arranged in random linear patterns resembling barcodes. Combine Etnic sidings with ST products to unleash boundless variations.

- For use on new builds, refurbishments, masonry and twin skin systems
- Install vertically or horizontally
- Hidden fixings
- Incombustible
- Perforation, customised widths and geometries possible on request

Technical details

Nominal metal thickness (mm)	1.00 / 1.50
Max. length (mm)	2,900
Working width (mm)	300
Mounting	Hidden

Cailloc

Project
Business Park

Location
Marcq En Baroeul, France

Architect
ATLANTE Architectes
& Escudié Fermat

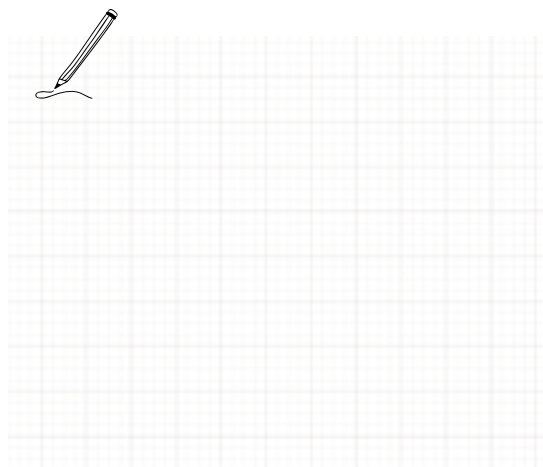
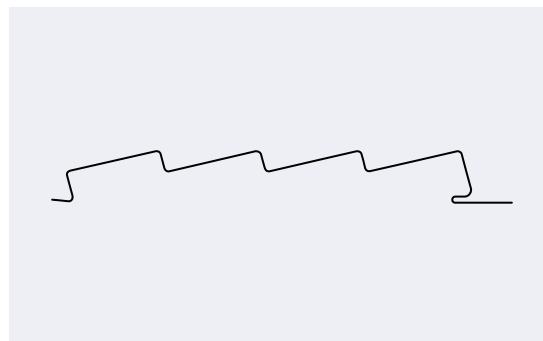
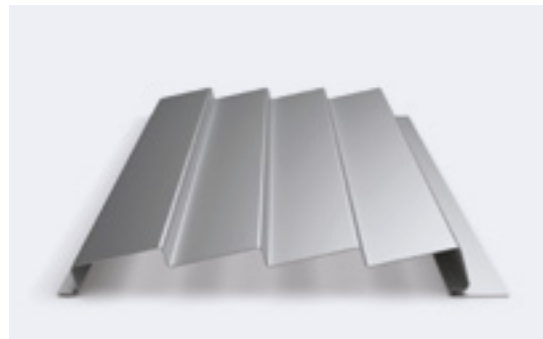
Products
Crescendo, Cailloc

Coating & colour
Authentic Graphit
Intense Champagne

Building type
Office

Photographer
© Christophe Pit

*Combination with
other shapes*



ArcelorMittal

With its saw-toothed design, Cailloc adds a vibrant sense of rhythm to any building. Create Escher-inspired stepped effects, or celebrate the motion of the sea with one of our most versatile sidings. Cailloc can also be combined with Crescendo for a completely unique façade.

- Install vertically or horizontally
- Hidden fixings
- Perforation on request
- Suitable for double skin cladding

Technical details

Nominal steel thickness (mm)	1.00
Weight (kg/m ²)	12
Max. length (mm)	4,000
Working width (mm)	300
Profiling	Gunwale
Mounting	Hidden

Crescendo

Project
Business Park offices

Location
Marcq en Baroeul, France

Architect
Atlante Architectes
& Escudele Fremaut

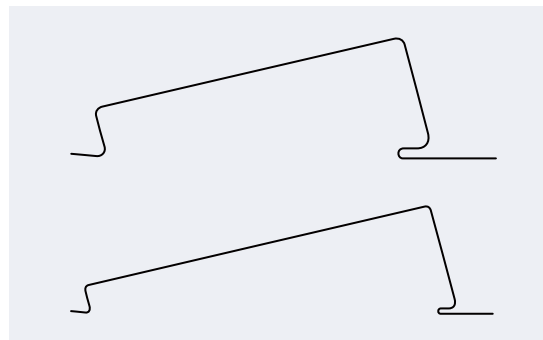
Products
Crescendo

Coating & colour
Authentic Graphit
Intense Champagne

Building type
Office

Photographer
© Christophe Pit

*Creation of life
in the façade*



Smooth and slanted, Crescendo allows you to create interesting random or progressive effects, especially if used together. Crescendo can also be combined with Cailloc to achieve even more striking results.

- Install vertically or horizontally
- Hidden fixings
- Perforation on request
- Suitable for double skin cladding

Technical details

Crescendo 150 and Crescendo 300

Nominal steel thickness (mm)	1.00 - 2.00
Weight (kg/m ²)	Variable
Max. length (mm)	6,000
Working width (mm)	150 / 300
Profiling	Gunwale
Mounting	Hidden

Ecaille® and Gascogne

Project
Porte Pouce vehicle impound

Location
Paris, France

Architect
Palast

Products
Gascogne Hybride, Gascogne

Coating & colour
Post-coated in 6 colours

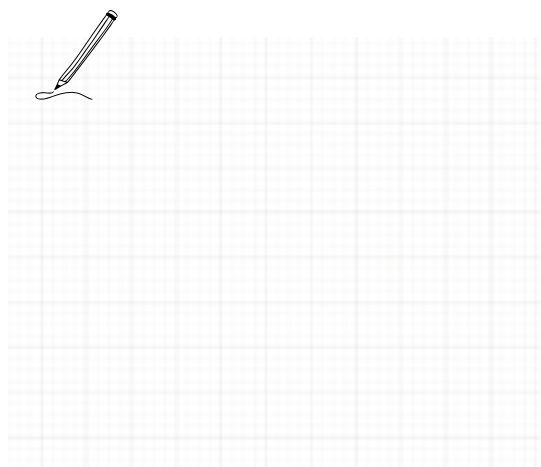
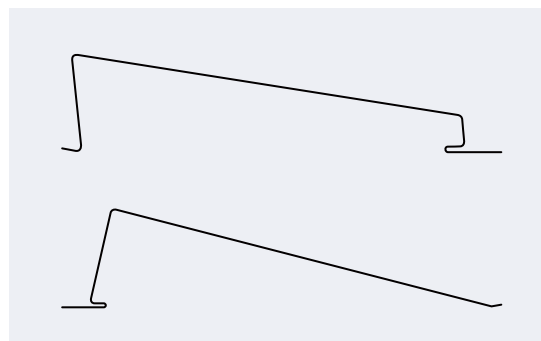
Building type
Educational

Photographer
© Michel Denancé

× Clapboard effect to create rhythms



ArcelorMittal



Both Ecaille® and Gascogne sidings display repetitive inclines to provide a layered clapboard effect, allowing architects to play with the rhythms of light and shadow on building façades.

- Incombustible
- Hidden fixings
- Other widths available on request
- Vertical installation
- Perforation and different folded geometries available (Gascogne)

Technical details

Ecaille®

Nominal metal thickness (mm)	1,50
Max. length (mm)	6,000
Working width (mm)	500
Mountingww	Hidden

Technical details

Gascogne

Nominal metal thickness (mm)	1.00 - 1.50
Max. length (mm)	6,000
Working width (mm)	300
Mounting	Hidden





ArcelorMittal

Cassettes

The joy of geometry

Make a statement with vibrant blocks of colour or add texture with perforation. ArcelorMittal Construction's cassette façades can be deployed in portrait or landscape, allowing you to explore 2D geometric abstraction through modern, flat design. Alternatively, venture along the z axis to create profiles and angles that really stand out.





ArcelorMittal



Location

La teste de Buch, France

Architect

Vasconi Associes Architectes

Product

Oceane®, Hairplan®

Coating & colour

Pearl Gold Perla

Building type

Commercial

Photographer

© REC Architecture

Commercial Center Leclerc Oceanides



Coque MD®

Project
Verhoeven Bakery equipment

Location
Oss, Netherlands

Architect
Ariens CS architects
& engineers

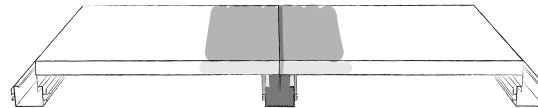
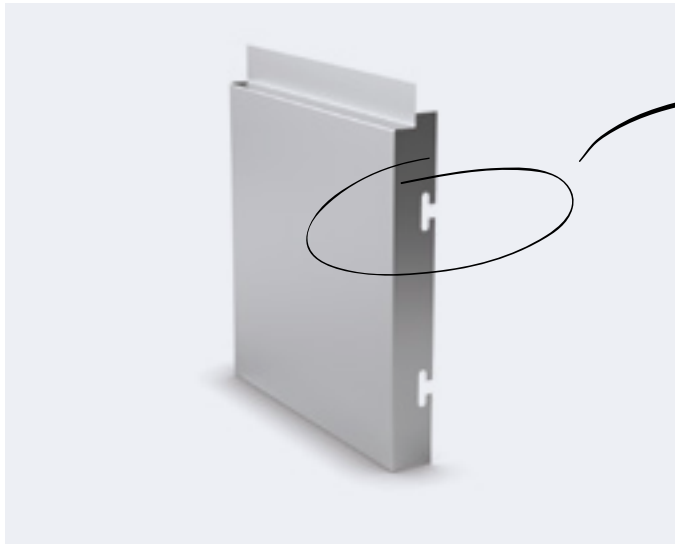
Products
Promisol® S Hybrid with
Coque MD® as external skin

Coating & colour
Authentic®

Building type
Industrial

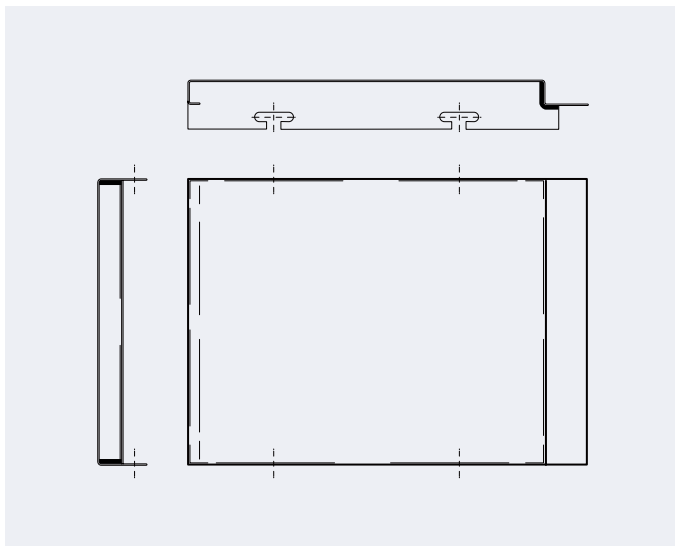
Photographer
© ArcelorMittal Construction
& LT Photography

*Discrete fixings deliver beautifully
smooth surfaces*



Mies van der Rohe famously stated: "Less is more." Highly discreet fixings empower you to create beautifully flat, smooth surfaces with the Coque MD® cassette. Perforation and bending are possible on request and rails can run on any axis posing origami possibilities for intrepid architects.

- Can be used as cladding on masonry, concrete walls or timber frame houses
- Build blind walls or leave openings
- Hollow joints from 3 – 30 mm
- Invisible fixings
- Panels can be removed and replaced without removing an entire row or column of cassettes



Technical details

Nominal metal thickness (mm)	1.00 - 2.00
Weight (kg/m ²)	Variable
Max. length (mm)	3,000
Profiling	Relieve
Mounting	Hook-on system

Larger sizes can be supplied with Coque MD® Evolution

Coque SP

Project

Uda Jaude - University

Location

Clermont-Ferrand, France

Architect

Atelier 4

Products

Coque SP, Cassette SP

Coating & colour

Aluminium post
anodisation bronze

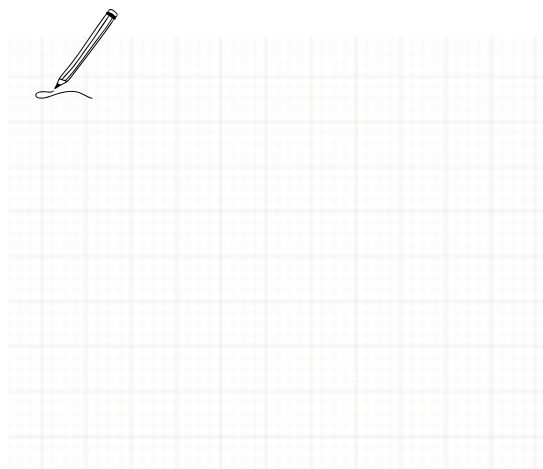
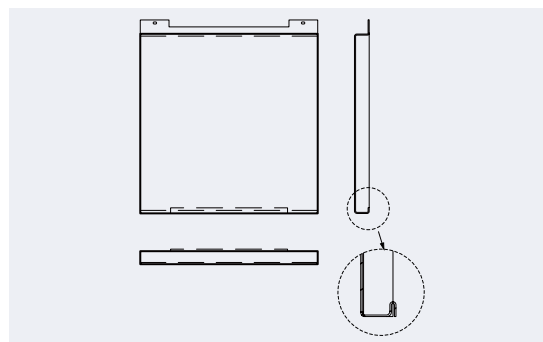
Building type

Educational

Photographer

© ArcelorMittal Construction
France

X Flatness for your wall
or ceiling



Coque SP cassettes combine to create flat surfaces with simple detail provided by hollow joints of up to 20mm. Hidden fixings on galvanised Omega-style frames keep façades elegant and clean.

- Can be used as cladding on masonry, concrete walls or timber frame houses
- Use on new builds and refurbishments
- Hollow joints up to 20 mm
- Hidden fixings
- Perforation available on request

Technical details

Nominal metal thickness (mm)	1.00 - 2.00
Weight (kg/m ²)	Variable
Max. length (mm)	3,000
Profiling	Flat
Mounting	Hidden

Coque BS

Project
E-Health

Location
Anderlecht, Belgium

Architect
Mertens Architecten

Products
Promisol® S Hybrid with
Cassettes BS as external skin

Coating & colour
Authentic 4978 (9016)

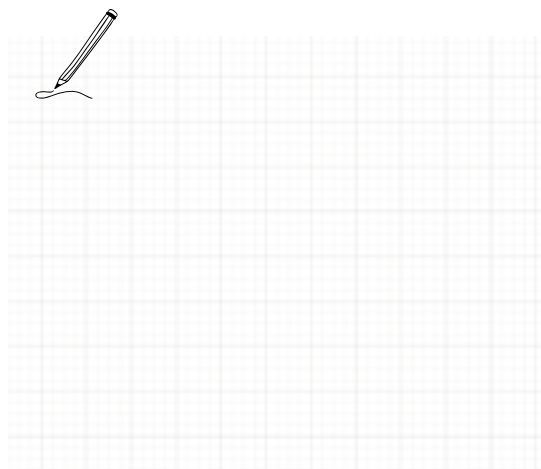
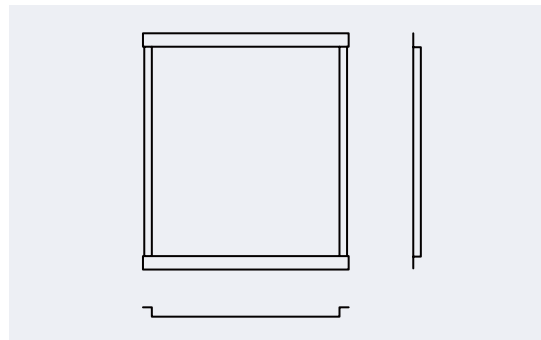
Building type
Office

Photographer
© ArcelorMittal Construction

*Highlighting the flatness
with the hollow joints*



ArcelorMittal



Coque BS cassettes deliver flat profiles with simple detail owing to their 33 mm hollow joints. Visible fixings add a subtle industrial charm.

- Can be used as cladding on masonry, concrete walls or timber frame houses
- Use on new builds and refurbishments
- Installed upon steel U-shaped frames
- 33 mm hollow joints
- Optional vertical joint cover
- Perforations possible
- Visible fixings

Technical details

Nominal metal thickness (mm)	1.00 – 2.00
Weight (kg/m ²)	Variable
Max. length (mm)	3,000
Profiling	Flat
Mounting	Visible

Coque MD® Origami

Project
Middle School Langevin Wallon

Location
Blainville Sur l'Eau, France

Architect
Sébastien Malgras,
Bagard et Luron

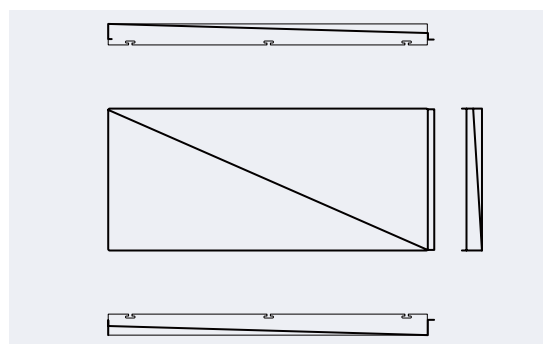
Products
Coque MD® Origami

Coating & colour
Pearl Gold Perla

Building type
Educational

Photographer
© ArcelorMittal Construction

*Fixes on hidden railings for
a smooth, flawless surface*



Create playful dimensions and perspectives which multiply across the face of your structure with Coque MD® Origami. Fixed with hidden railings beneath the building skin, this distinctive cassette system provides smooth, uniform flowing surfaces which undulate through a multitude of angles and folds.

- Creased cassettes can be configured to create a multitude of origami patterns
- Can be used as cladding on masonry, concrete walls or timber frame houses
- Build blind walls or leave openings
- Hollow joints from 3 – 30 mm
- Invisible fixings
- Panels can be removed and replaced without removing an entire row or column of cassettes

Technical details

Nominal steel thickness (mm)	1.50
Weight (kg/m ²)	Variable
Max. length (mm)	3,000
Profiling	Relieve
Mounting	Hook-on-system

ST Origami



ArcelorMittal

Project
L'AMPLI

Location
Fontenay-Le-Fleury, France

Architect
Architecturo / Hamadryade

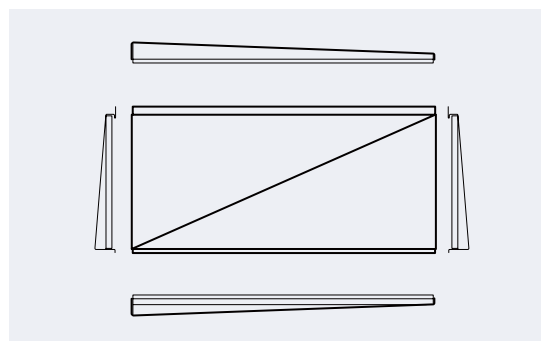
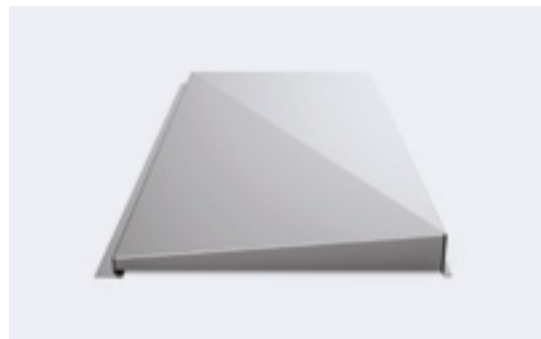
Products
ST Origami perforated

Coating & colour
Intense®
double sided Champagne

Building type
Residential

Photographer
© Sergio Grazia

*Available in stainless steel,
pre-painted steel or aluminium*



With invisible fixings, the ST Origami siding system delivers a flawless, flowing surface to your structure. Identifiable by its distinctive, angular creases, this product can be arranged in a configuration of your choosing to develop flowing geometric patterns and eye-catching detail. Whatever the shape of your building, ST Origami will create a different reality from the outside looking in.

- Distinctive origami profile
- Invisible fixings
- Different interlocking geometries
- Perforated finishes on request

Technical details

Nominal metal thickness (mm)	1,50
Weight (kg/m ²)	Variable
Max. length (mm)	4,000
Min. length (mm)	1,000
Working width (mm)	500
Profiling	Relieve
Mounting	Hidden



Carrier Panels

Beauty that's more than skin deep

Make no compromises. With insulated panels beneath customisable skins, our Carrier Panels allow you to blend beautiful design on the outside with sustainable design on the inside.

The hidden internal panels come treated with our Hairexcel coating, offering unbeatable protection from corrosion. Meanwhile, on the external façade profile skin you have the freedom to select the coating (not to mention the colour and shape) that best suits your architectural vision. All of our coatings are suitable for use on all of our façades.





ArcelorMittal



Location

Asturias, Spain

Architect

Sergio Baragaño

Products

Archisol®, Eclectic® perforated

Coating & colour

Solexcel® Gold

Building type

Residential

Photographer

© Mariela Apollonio

Room 2030



Archisol®

Project
Room 2030

Location
Asturias, Spain

Architect
Sergio Baragaño

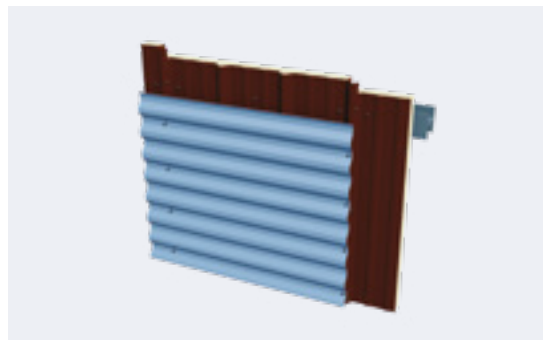
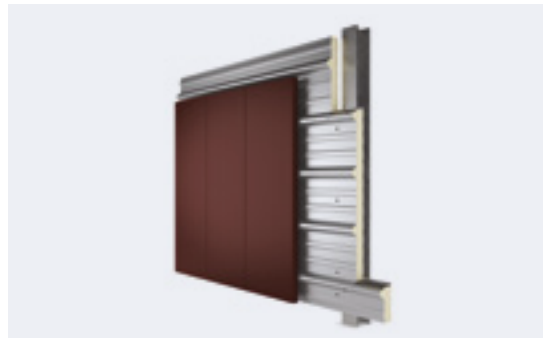
Products
Archisol®, Eclectic® perforated

Coating & colour
Solexcel®, Hairexcel® Gold

Building type
Residential

Photographer
© Mariela Apollonio

*External shape can be selected
to match your vision*



The all-in-one cladding solution that insulates and captivates. A layer of high-performance Archisol® provides thermal performance, while an exterior wall or façade profile of your choice gives you total freedom of aesthetic design.

- Huge range of compatible exterior skins
- Hidden fixings
- Excellent airtightness
- PIR foam PRT Hexacore® available
- ACERMI certification
- Thermal transmittance U_c down to $0.157 \text{ W/m}^2\text{K}$ (140 mm thick)

Technical details

Steel thickness ext. face supporting panel (mm)	0.75
Max allowed ext. skin weight (Kg/m^2)*	30
Max. span of panel (m)*	6.5
Insulation thickness (mm)	60 - 140
Mounting	Vertical & horizontal

* It is necessary for ArcelorMittal Construction to approve each project. We decline any responsibility if there is no written approval per project.

Our carrier panels use Hairexcel® coating to ensure protection against corrosion.

Promisol® S Hybrid

Project
Verhoeven Bakery Equipment

Location
Netherlands

Architect
Henk Ariëns

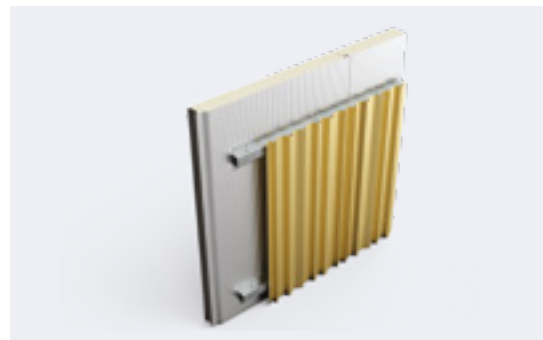
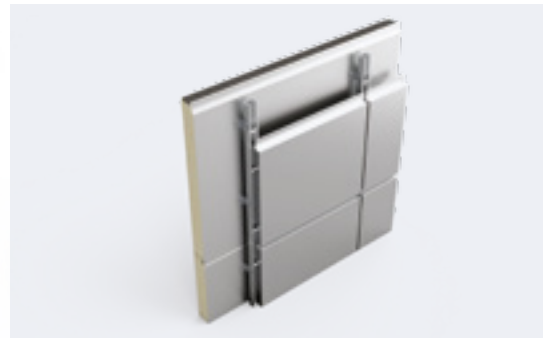
Products
Promisol®

Coating & colour
Hairexcel® 7021

Building type
Office and production

Photographer
© LT Photography

*You imagine,
we provide*



There's much more to our Promisol® S Hybrid panels than meets the eye. External steel skins in a plethora of colours and textures encase a secret-fix sandwich panel with an insulated foam core. This composite design combines unparalleled thermal performance with durability in an almost limitless range of styles.

- Vertical or horizontal installation
- Hidden fixings
- Exceptional airtightness
- 5 thicknesses of insulation core available from 50 – 120 mm
- PIR foam PRT Hexacore® available
- ACERMI certification
- Thermal transmittance U_c down to $0.149 \text{ W/m}^2\text{K}$ (for 120 mm thick)

Technical details

Steel thickness ext. face supporting panel (mm)	0.75
Max allowed ext. skin weight (Kg/m^2)*	20
Max. span of panel (m)*	5
Insulation thickness (mm)	50 – 120
Mounting	Vertical & horizontal

* It is necessary for ArcelorMittal Construction to approve each project. We decline any responsibility if there is no written approval per project.



Bespoke

Push the building envelope

Go further. Test the limits of your imagination with tailor-made façades in infinite combinations of colour and shape for something truly one of a kind. Just like the architects and designers we love to work with, our R&D department are constantly pushing boundaries to open up new possibilities in façade materials and approaches. Together, we continue to revolutionise our urban landscapes by venturing into the unexplored.

Colours and coatings

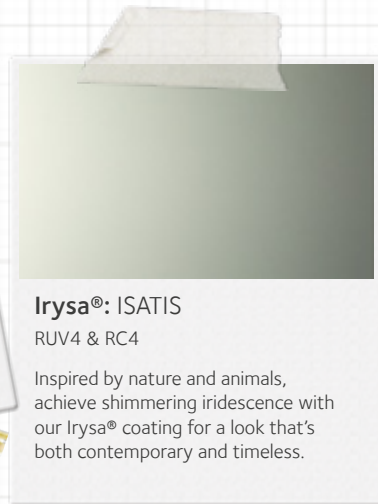
With up to 40-years warranty available, our wide range of coatings don't just look beautiful, they look beautiful for longer. We'll work with you to narrow down millions of colour and coating combinations to find exactly the look and performance you desire.

Explore our organic coatings



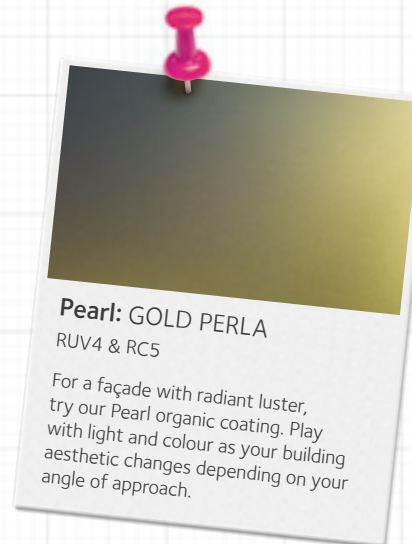
Stardust®: VENUS RUV4 & RC5

Add a celestial sparkle to your façade with a choice of refined golden and silver glitters for an aesthetic that's out of this world.



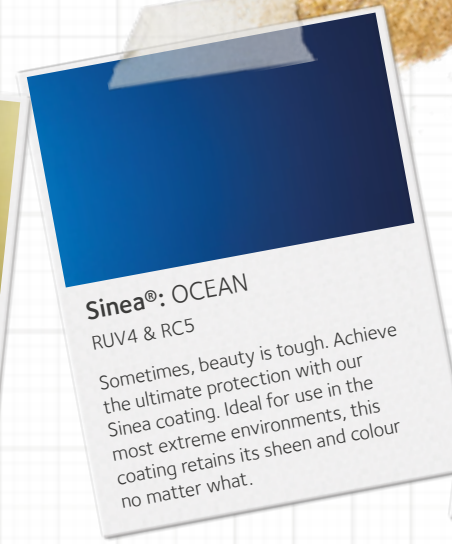
Irysa®: ISATIS RUV4 & RC4

Inspired by nature and animals, achieve shimmering iridescence with our Irysa® coating for a look that's both contemporary and timeless.



Pearl: GOLD PERLA RUV4 & RC5

For a façade with radiant luster, try our Pearl organic coating. Play with light and colour as your building aesthetic changes depending on your angle of approach.



Sinea®: OCEAN RUV4 & RC5

Sometimes, beauty is tough. Achieve the ultimate protection with our Sinea coating. Ideal for use in the most extreme environments, this coating retains its sheen and colour no matter what.



Hairexcel®: EMERALD RUV4 & RC5

With a grainy appearance, high durability and resistance to UV exposure and corrosion, Hairexcel® is designed to withstand whatever life and the elements can throw at it.

With millions of colour and coating combinations, we'll help you find exactly what you're looking for.



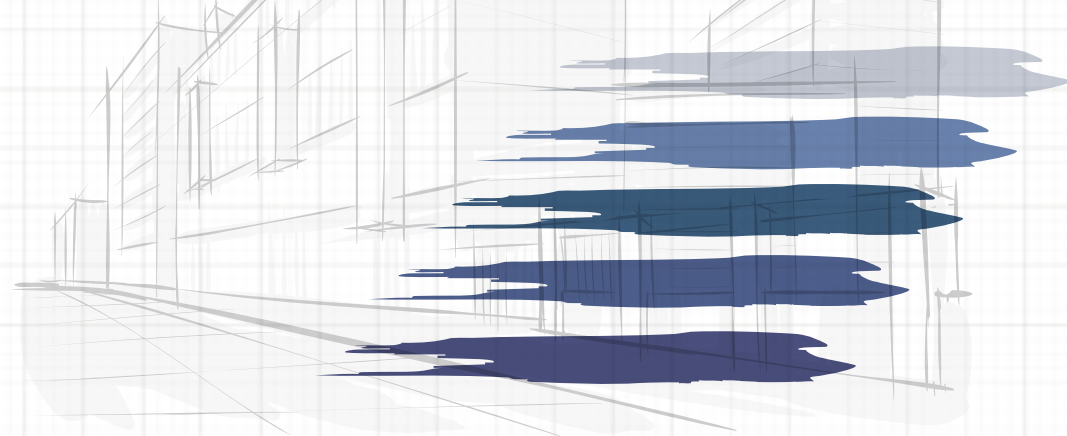
Colour Freedom

Enhance the world around you through a symphony of colour, with a palette that never ends.



Texture

Pre-painted mineralised and matt layers alter diffraction to add a veined marble or wood grain texture to your façade. Add character with the Edyxo® range of coatings.



Discover our palette of outstanding colours, including iridescent and pearl finishes, or create your own. Whether you want to be bold, subtle or blend into your environment, we can deliver the colour you're looking for.

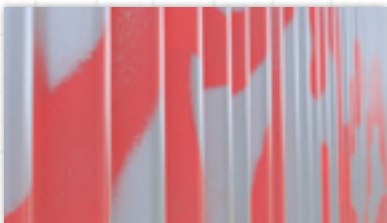
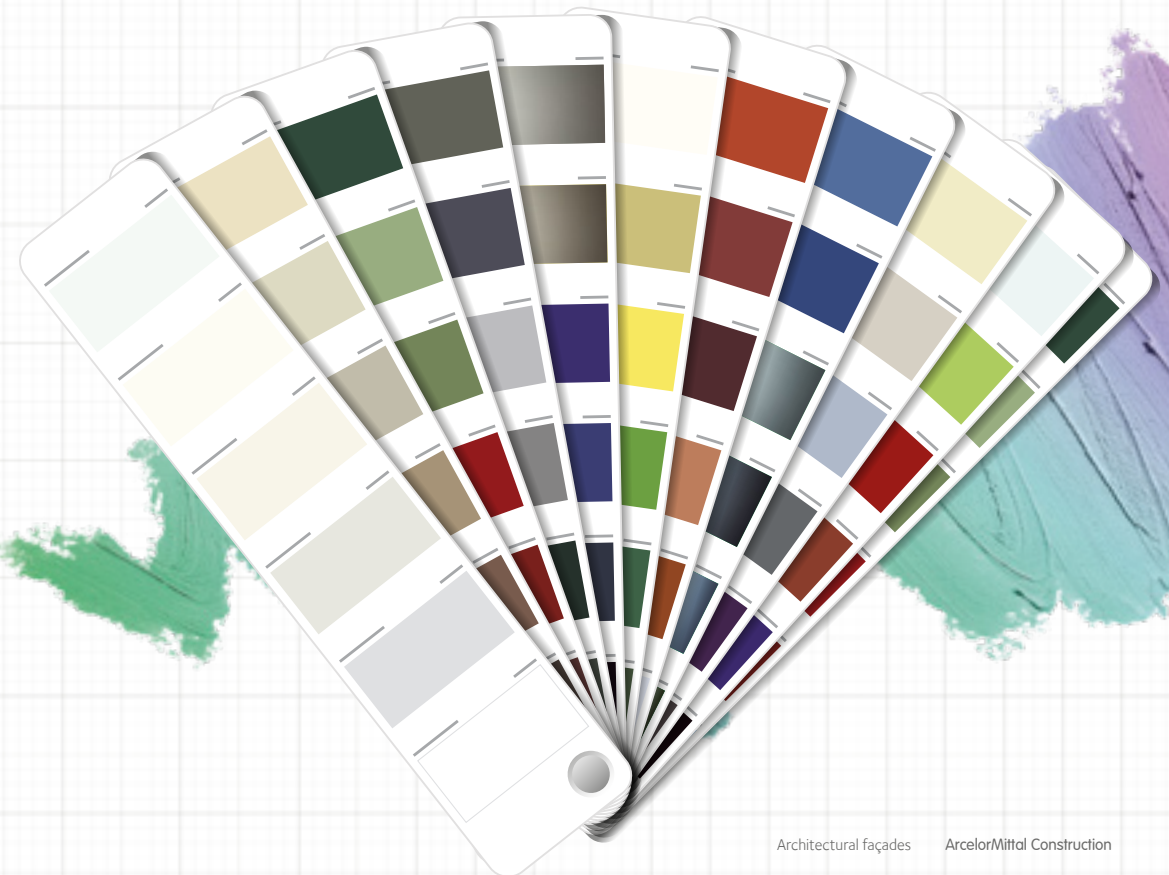
We control every part of the production process through our integrated supply chain, which enables us to:

- **Tailor-make every finish to meet your specific requirements**
- **Provide you with the tools you need to achieve your creative goals**
- **Empower you to enhance the world around you with colour**

Whatever your design ambitions, we will work hard to support your creativity and offer the perfect aesthetic solutions you need for your projects.

ZMevolution®

A unique galvanized metallic coating with superior corrosion resistance. Lasting up to three times longer than standard zinc coatings, ZMevolution® offers a greater flexibility, better aesthetics and a lighter weight. This environmentally friendly coating reduced 46% of CO₂ emissions. Hence, ArcelorMittal Construction has contributed to a cumulative saving of 90 million kg of CO₂ emissions since it has replaced standard coating with ZMevolution®.



Shield

Protect your creations from graffiti with **Flontec®**: a pre-painted steel that wipes clean of spray paint and marker pens. Check our Material Guide for more info.



Create

Create something truly unique with **Muralys®**. Our ground-breaking molecular digital printing process allows you to add any image, pattern or text to your façade.

Perforation



Project: Marc-Sangnier cultural center **Architect:** Karine Millet **Photographer:** © SBE552-ELITE D&B

If the countless combinations of colours, profiles and textures of ArcelorMittal Construction's products aren't enough for you, a vast number of our façades can also be perforated. Perforation not only provides added detail to any building, it also serves perfectly for sunshades or – through its partial translucency – enables you to reveal hints of the structure that lies beneath the surface.

Stainless steel



Project: Imax room at cinema Gaumont Architect: Atelier 4 + Lyon Photographer: © Denis Paillard

Stainless steel is both durable and recyclable making it an excellent building material from a sustainability perspective. Available in a wide range of colours and finishes. It can be polished, matt, engraved, sandblasted or woven, making it very stylistically versatile and increasingly popular in many forms of architecture.

- 100% recyclable
- Cost effective – maintenance free with long life expectancy
- Corrosion resistant
- Strength-to-weight advantage

Indaten®



Project: Lanson pressing center Architect: SARL d'Architecture PACE Photographer: © ArcelorMittal Construction

Self-protecting steel with excellent resistance to atmospheric corrosion and a raw aesthetic. Over time and with exposure to the elements, Indaten® develops its own unique patina, which provides both a protective, natural coating and a distinctive coloration.

- 100% recyclable
- Cost effective, requiring minimal maintenance
- Life expectancy over 80 years
- Excellent corrosion protection
- Can be perforated

Muralys®

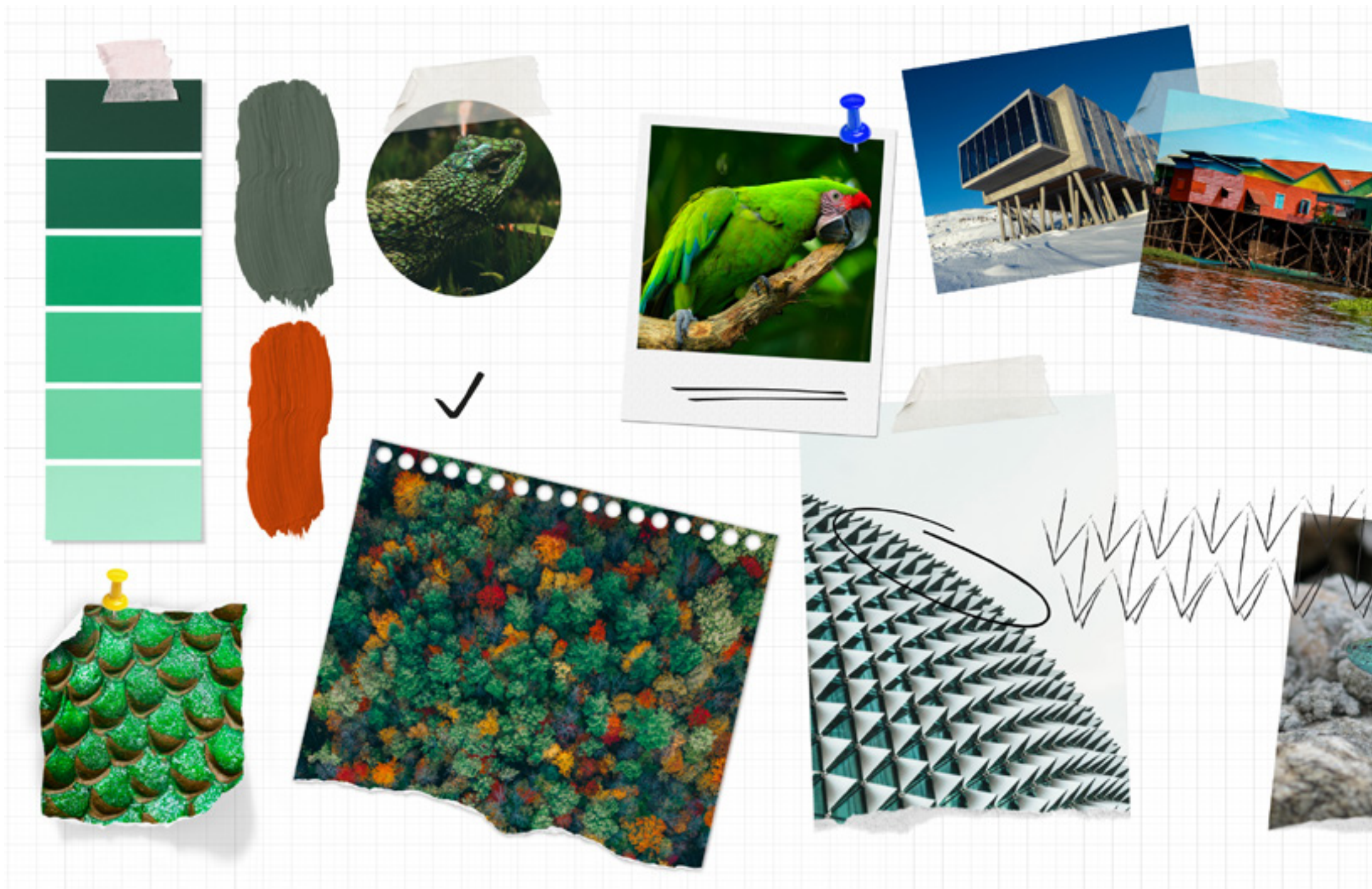


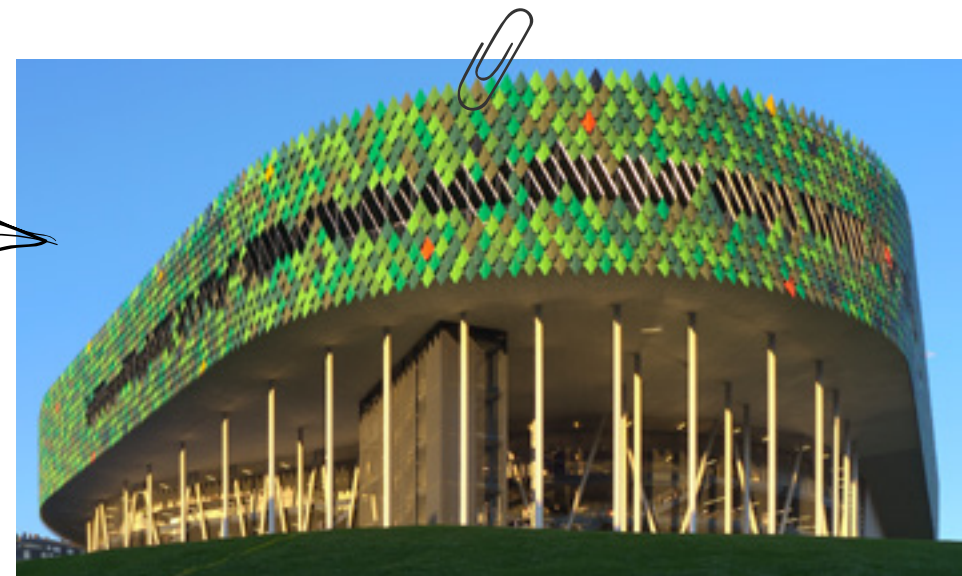
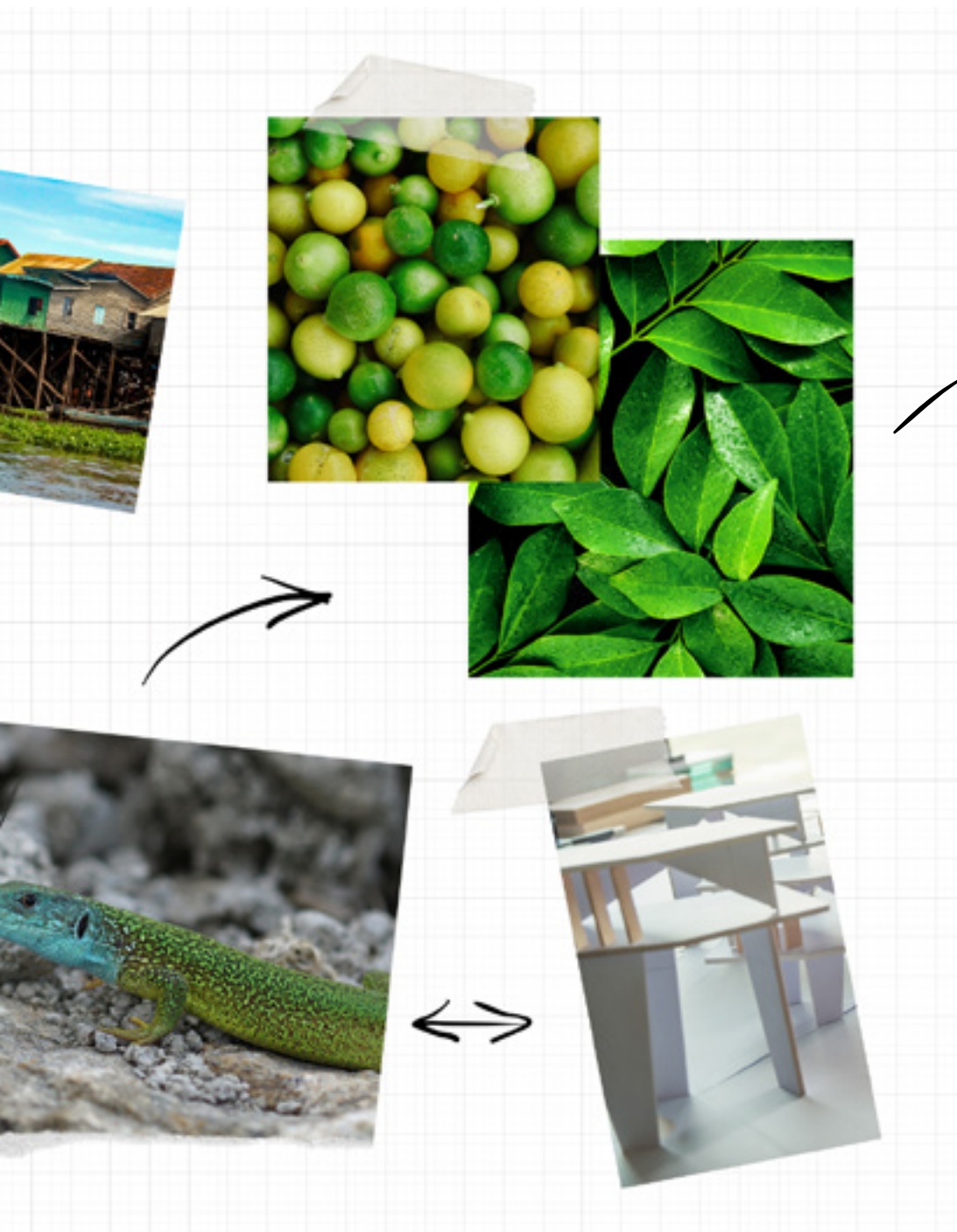
ArcelorMittal

Project: Montpellier Arena Architect: A3 Argouache Photographer: © ArcelorMittal Construction

Boundless Creativity

Adorn your building with any image, text or pattern: Muralys® is a ground-breaking molecular digital printing process that can be used to customise all ArcelorMittal Construction products. Such is the exceptional resolution of the prints, that truly any design is possible.





Location
Bilbao, Spain

Architect
IDOM

Coating & colour
Hairultra®, Hairflon®
customised green

Building type
Sport

Photographer
© ArcelorMittal Construction

Arena Bilbao

construction.arcelormittal.com

Inventing smarter steels
for a better world

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