

Ceilings
Sun Control
Façades
NBK Architectural Terracotta

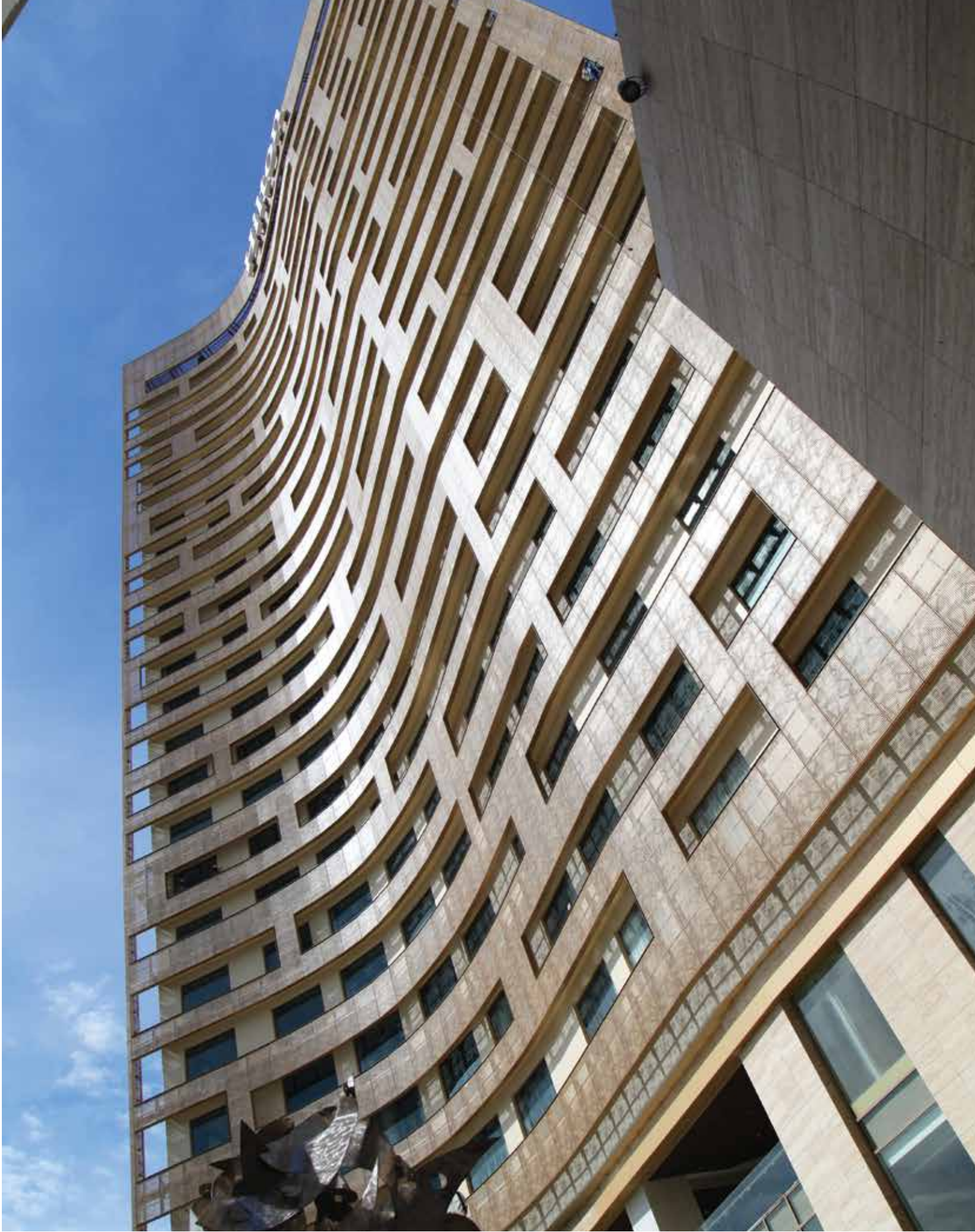


China
Cambodia
Hong Kong
India
Indonesia
Japan
Korea
Malaysia
Phillipines
Singapore
Taiwan
Thailand
Vietnam

Australia
Europe
Latin America
North America



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Single Skin Cassette Facades

SINGLE SKIN CASSETTE FACADES

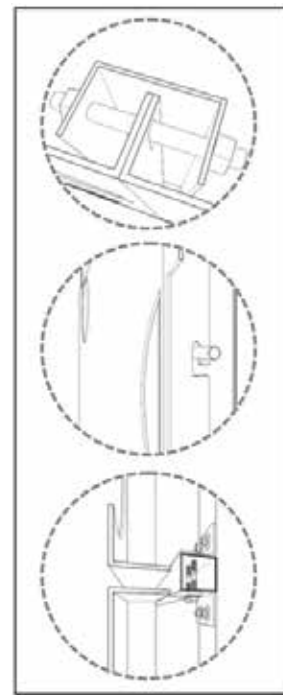
Create outstanding visual impressions

Available in highly durable Luxacote, PPC or anodised aluminium, stainless steel, weathered steel, zinc or copper, and in a range of shape and sizes, the Single Skin Cassette Facade has been developed to meet architect's demands for options to add features, accents and diversity of appearance to solid or perforated facade applications which create outstanding visual impressions. For high performance solutions in a range of metal facades which can be integrated with other Hunter Douglas and NBK facade systems.

Typically using a Hook-on Cassete secret-fix solution that can be installed in either a landscape or portrait orientation. Large cassettes can be fabricated due to structural design, with various joint widths and installed onto the appropriate railing system consisting of vertical mullions locating clips and fixings.

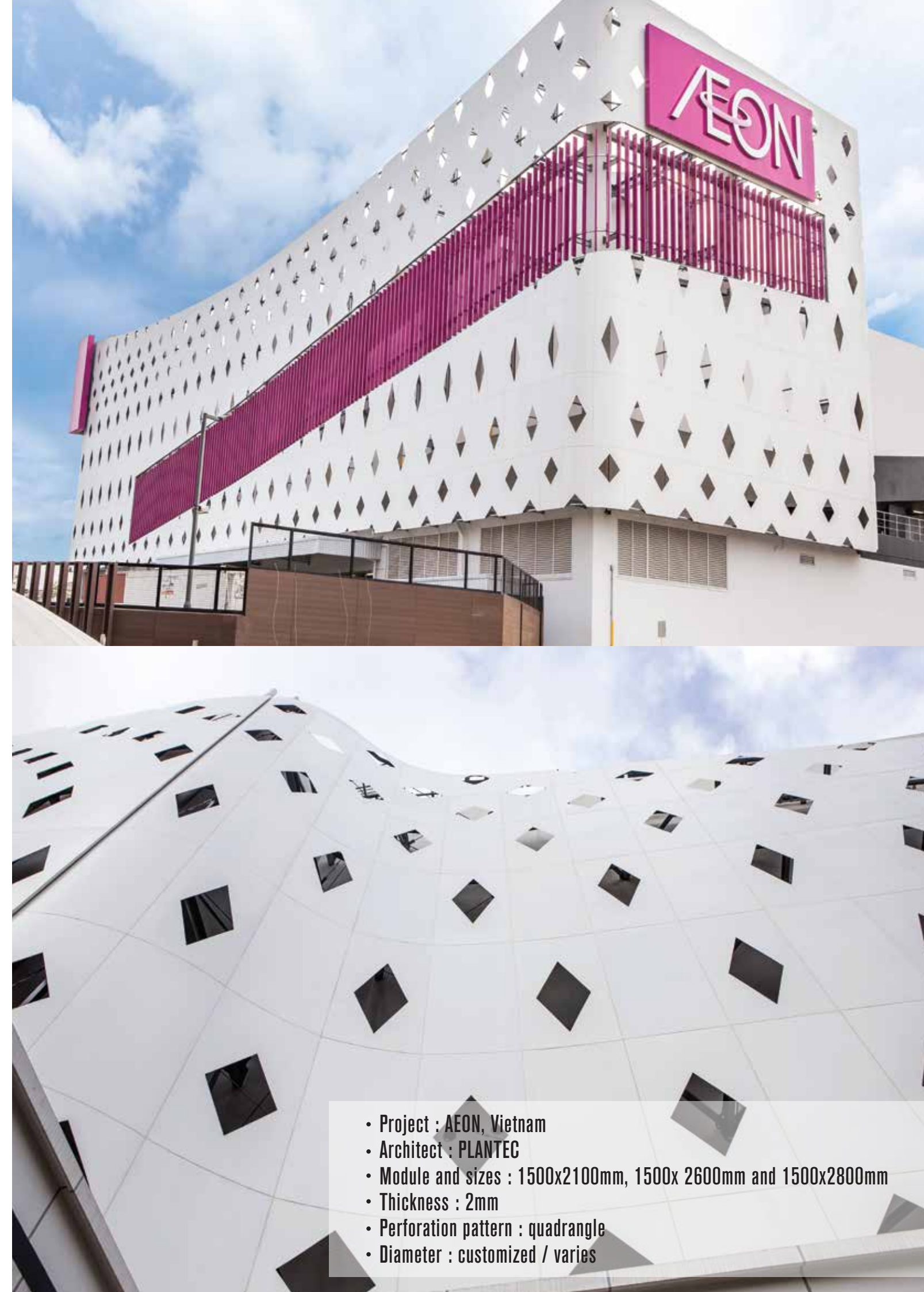
FEATURES

- Install vertically or horizontally.
- Large-size, large-format applications with materials such as aluminium, steel, zinc or copper.
- Drilled or randomly perforated using CNC technology according to design.
- Crisp joint design.
- Individual panel demountability



Typical Hook On Cassete System Diagram

- Project : Hilton Danang, Vietnam
- Architect : EAI Architects
- Module and sizes : Typical module is 1.1m x 6m.
- Thickness : 4mm
- Perforation pattern : Customized
- Diameter : 8mm, 14mm, 16mm, 26mm



- Project : AEON, Vietnam
- Architect : PLANTEC
- Module and sizes : 1500x2100mm, 1500x 2600mm and 1500x2800mm
- Thickness : 2mm
- Perforation pattern : quadrangle
- Diameter : customized / varies



- Project : IT Media Hub With DC Facilities, Cambodia
- Architect :
 - Design Architect : Aedas Pte Ltd. (Singapore)
 - Facade consultant : Arup Singapore Pte Ltd.
- Module and sizes : 1325mm x 1325mm
- Thickness : 2.0MM
- Perforation Pattern : Customized
- Diameter : Nil



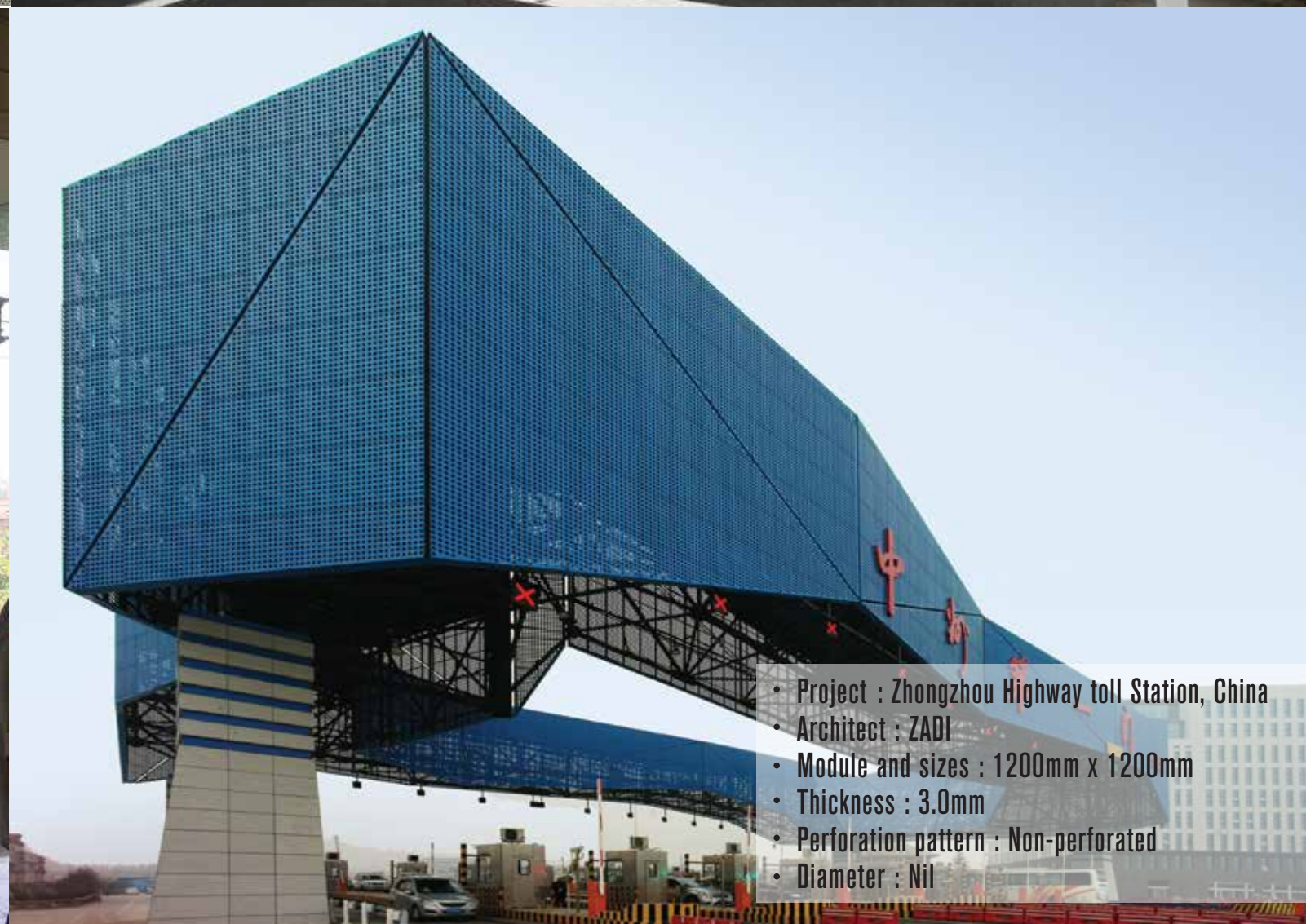
- Project : Nagpur Metro Station, India
- Architect : B Rajendran
- Module and sizes : 1200 (H) x 5100mm (L)
- Thickness : 2mm thick Al.
- Perforation pattern : 10mm dia , 30mm Pitch
- Diameter : 10mm



- Project : RMIT, Vietnam
- Architect : Pentago Architect
- Module and sizes: 1000m x 6000m
- Thickness : 3.0mm
- Perforation Pattern: Rhombus
- Diameter : 3.3mm



- Project : Oakwood, Vietnam
- Architect : P&T Consultants
- Module and sizes: 1100mm x 3000m
- Thickness : 2.5mm
- Perforation Pattern: Circle
- Diameter : 20mm, 24mm, 30mm



- Project : Uttirna Alipore, India
- Architect Interior : ITD-ITD GEM- JV IN HOUSE
- Module & Sizes : 4000mm x 1000mm
- Thickness in mm : 2mm
- Perforation & Pattern : 3.5mm & Square
- Diameter/Pitch: 3.5mm/14.1 mm

- Project : Zhongzhou Highway toll Station, China
- Architect : ZADI
- Module and sizes : 1200mm x 1200mm
- Thickness : 3.0mm
- Perforation pattern : Non-perforated
- Diameter : Nil



- Project : Empire City, Vietnam
- Architect : B+H Architect
- Module and sizes: 1100mm x 2300mm
- Thickness : 2.0mm
- Perforation pattern: Rhombus
- Diameter : 3.3mm

Empire
City



- Project : HDIndochina, Vietnam
- Architect : Hunter Douglas Indochina Design Team
- Module and sizes: 1100 x 2700mm
- Thickness : 2.5mm
- Perforation pattern: Parametric Design
- Diameter : Varies



- Project : Binh Duong Convention Center, Vietnam
- Architect : CPG Consultants
- Module and sizes: 1100 x 2300mm
- Thickness : 2.5 mm
- Perforation pattern: Non-perforated
- Diameter : Nil



- Project : Palace of Danang Pioneer Culture, Vietnam
- Architect : UPI Danang
- Module and sizes: Triangle: 1460x1560x2200
- Rectangle : 1130x1460 & 2660x560
- Thickness : 2mm
- Perforation pattern: Circle
- Diameter : 50mm



- Project : Quang Ninh Stadium, Vietnam
- Architect : Samoo Architects & Engineers and IBST
- Module and sizes: Triangle from 840x1102x1109 (minimum) to 1471x1269x2178(maximum)
- Thickness : 4mm
- Perforation pattern: Non-perforated
- Diameter : Nil



- Project : Wenjindu Port Building, Shenzhen, China
- Architect : SADI
- Module and sizes : 1200mm x 1200mm
- Thickness : 2.5mm
- Perforation pattern : Non-perforated
- Diameter : Nil



- Project: British University, Vietnam
- Architect : Atelier
- Module and sizes: 1200x1200mm
- Thickness : 2mm & 3mm
- Perforation Pattern: Circle
- Diameter : 50mm



- Project : Baashyaam Corporate Office, India
- Architect : Sriram Ganapathi
- Module and sizes : 900mm Width X 3950mm Length
- Thickness : 3mm Thick
- Perforation pattern : Square and Rectangle Perforation
- Diameter : Nil

MATERIAL, FINISHES

Colour the skyline with a sparkling finish

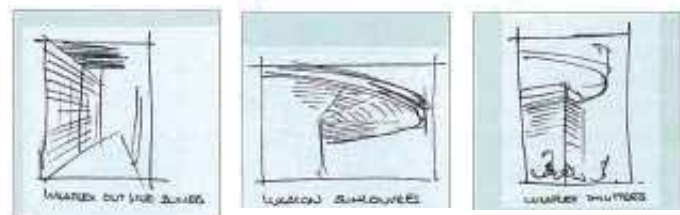
AND SURFACES

Buildings are defined by form and design. Often they are the product of an architects inspirational vision. At Hunter Douglas our mission is to help designers realise that vision, by providing them with a palette of colours, materials and surface finishes that will inspire their creativity.

The LUXACOTE® system... more than a coating!

From 1981 Hunter Douglas has produced over 600 million m2 with the LUXACOTE® system. Despite the large range of colours, including metallic finishes, Hunter Douglas has not received a recorded failure of the coating system due to fading, chalking or peeling.

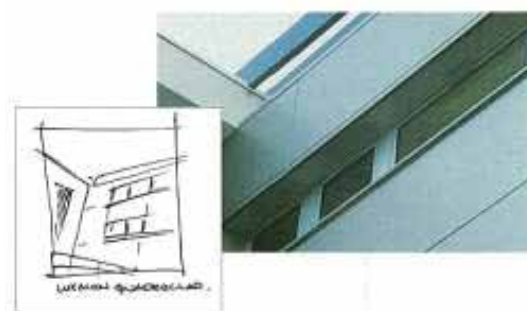
First used, in 1981, on aluminium strip for window shutters, it soon became clear that many more applications were suitable for this coating system. Hunter Douglas now uses LUXACOTE® as the preferred system for all of their exterior products. These include Facade Cladding (QuadroClad, Sandwich wall and Single Skin wall cladding systems), Sun Louvers, Exterior Ceilings and Soffits, Outside Blinds and Shutters.



The Superior Qualities Of The LUXACOTE® system

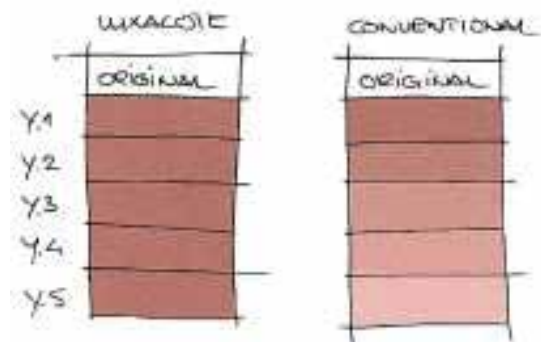
Although all kinds of accelerated erosion-tests can be executed in a laboratory, they all suffer from deficiency; the correlation to reality is one not reliable, and it needs a proven correlation to be able to make a reliable interpretation.

For this reason, many years have been spent searching for the natural circumstances that is representative of natural weathering. Florida, USA, is the location where materials are tested and set out at an angle of 45° facing to the south. Relative to other locations in the world, the circumstances here provide for a very tough testing environment.



Test panels of the LUXACOTE® system have proved that after 5 years in Florida, no colour or gloss differences worth mentioning have occurred, and that the exposed materials look nearly as good as the original new test panel. These results qualify for the highest category when tested in accordance with the EN 1396 standard.

Similar characteristics can only be matched by the better of the PVDF coating-systems, with at least 75% Kynar 500 or equivalent. All other coating-systems, which were tested this way in Florida*, failed within 1, 2, or, the very strong ones, after just 3 years, with complete colour fading and chalking, often culminating in a fully Cracked Surface and with h0 gloss remaining.



High scratch resistance

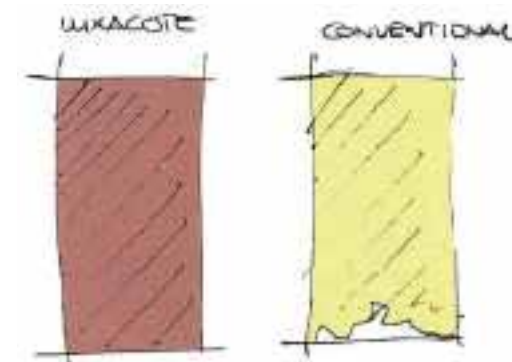
When compared to other metal-coatings, the LUXACOTE® system has a superior resistance against scratches. The slightly textured topcoat surface hides eventual minor damages effectively. During installation, this characteristic is especially important.

LUXACOTE® Colour options

Due to the composition, the LUXACOTE® system can be produced in plain and vivid exciting colours together with a full range of metallic colours. The standard range of colours is supplemented by a service to achieve a colour match to any client chosen colour- subject to quantity and technical feasibility.

Corrosion resistance

It is known that aluminium, in spite of its good properties, can corrode in several ways. Therefore the quality of the aluminium plays a decisive role in the pre-treatment, the type of coating and the coating process. Besides this, building designs sometimes have an adverse effect on the development of corrosion (e.g. crevice and contact corrosion). Even more important is the environment in which the material will be used. Aluminium will, for example, perform perfectly in a clean area where rain continuously removes corrosive substances from the surfaces. But, when applied in an industrial and polluted area under an overhang on the coast, even aluminium could corrode.



Exposed according to ECCA, illustrating edge corrosion

Since Hunter Douglas does not always know where the material will be applied, the use of the right aluminium substrate is the key to the corrosion performance of the end product. By very carefully testing for many years we have succeeded in laying down specifications for a reliable product that, both for durability and corrosion-resistance, can achieve the highest category of the EN 1396 standard. Even in swimming pools where the PH develops between 4 and 8, the LUXACOTE® system will perform well.

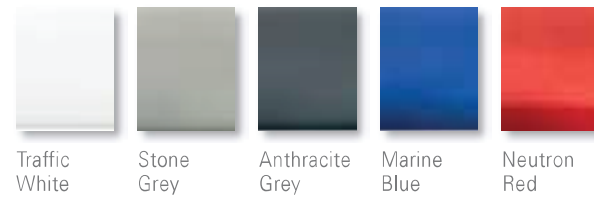
The highest category for corrosion, within the EN 1396 tested according to ECCAT19, states that, if exposed on the ECCA-site in Hoek van Holland, corrosion after 1 year should not be more than 1 mm, and after 3 years not more than 2 mm.

The LUXACOTE® coating system meets this requirement.



Solid Colours

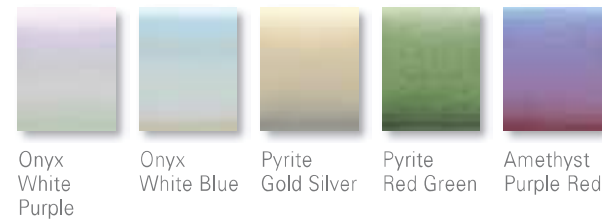
Take 5 seconds to imagine a world without colour. Aluminium can be coated in any (RAL, BS, NCS) colour. Colours are available in different gloss units as well as high gloss and matt finishes. At Hunter Douglas Architectural we aim to lead the way in colour trend development.



Above : Tesco Superstore, Sheffield, UK
Architect : Saunders Architecture + Urban Design
Product : LinearClad™ T

Sparkling Mica

This range is tailored to create distinctive buildings, which attract attention. These innovative dual-tone finishes contain “mica” coating pigments, which reflect their own colour or the basecoat colour. This reflection and refraction of light causes a colour variation that changes upon viewing angle and incidence of light which can create a myriad of fascinating colours.



Above : MRT, Malaysia
Architect: Veritas and PDP
Product : QuadroClad® QC100

Natural - Anodised aluminium

Anodising is an electrochemical process that converts the metal surface into a decorative, durable corrosion resistant finish. It is ideally suited to aluminium and the Hunter Douglas range of anodised colours are designed to enhance this finish. Available in a number of colours, ranging from silver and champagne to bronze and black, this enduring treatment improves the strength and aesthetics of aluminum cladding. It also provides easy maintenance and long life in any condition.



Above : Maastoren, Rotterdam, The Netherlands
Architect: Dam en Partners Architecten
Product : QuadroClad® QC300

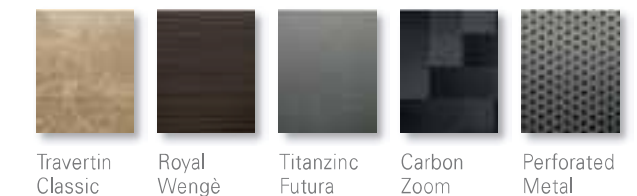
Amazing Metallic

Hunter Douglas and their partners are at the forefront of developing a wide range of exciting metallic gloss finishes. Delivering these stunning finishes encourages designers to create an amazing visual appearance to any building's façade.



Designs and specials

If none of the existing colours match the ideas or design criteria, then our finishing department will work with the architect to create a custom colour, finish or special effect that will deliver the finish they require.



Above : Distributie Centrum The Sting, Tilburg, The Netherlands
Architect: Van Oers Weijers Architecten
Product : QuadroClad® QC300

HUNTER DOUGLAS

ARCHITECTURAL

Hunter Douglas is a publicly traded company with activities in more than 100 countries with over 134 companies. The origin of our company goes back to 1919, in Düsseldorf, Germany. Throughout our history, we have introduced innovations that have shaped the industry, from the invention of the continuous aluminium caster, to the creation of the first aluminium Venetian blinds, to the development of the latest high-quality building products.

Today we employ more than 25,000 people in our companies with major operation centres in Europe, North America, Latin America, Asia and Australia.



▲ WINDOW COVERINGS

SUN CONTROL ▼



▲ CEILINGS

FAÇADES ▼



Not only are the world's architects and designers our partners, they are our inspiration. They continue to raise the bar for excellence. We create products that help bring their visions to life: Window Coverings, Ceilings, Sun Control Systems and Façades.

Designed to work for you

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HunterDouglas
Architectural

ARCHITECTURAL SERVICES

We support our business partners with a wide range of technical consulting and support services for architects, developers, and installers. We assist architects and developers with recommendations regarding materials, shapes and dimensions, colours and finishes. We also help create design proposals, visualisations, and installation drawings. Our services to installers range from providing detailed installation drawings and instructions to training installers and advising on the building site.



Learn More

- Contact our Sales office
- www.hunterdouglas.asia



The metal facade products manufactured by Hunter Douglas Architectural Products (China) Co., Ltd. meet the requirements of "Green Building Product Selection Guide Directory Management Method." They are allowed to use selected green building products certification marks and are listed in the CTC "Green Building Product Selection Guide Directory."



As a member of the USGBC Association, Hunter Douglas has participated in the development and draft of many LEED standards.



ISO 9001 Quality Management System Certification.



ISO 14001 Environmental Management System Certification.



Hunter Douglas products and solutions are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable.



Our paint and aluminium melting processes are considered to be one of the industry standards in terms of clean production processes. All aluminium products are 100% recyclable at the end of their lifecycle.