



HunterDouglas

FAÇADES



HunterDouglas Façade Systems

Innovative Products Make Innovative Projects

Over the last 50 years, Hunter Douglas has been the name behind some of the biggest developments in the areas of Window Coverings, Ceilings, Sun Control and Façades: the development of the continuous aluminium caster, the invention of the aluminium Venetian blind. The list goes on.

We don't intend to stop now. We'll continue working alongside architects and designers, developing technology and products to make it easier for them to do what they love-create.



Project : River Park, Bratislava, Slovakia
Architect: Erick van Egeraat
Product : MPF 250/350 in 3 colours

DESIGN, FUNCTIONALITY & COMFORT 2

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Cover : Maastoren, Rotterdam, the Netherlands
Architect: Dam en Partners Architecten
Product : QuadroClad® Panels

Design, Functionality and Comfort

Substance or style? All too often, architects and designers have had to choose. With Hunter Douglas Façades, there is no need to settle. Rarely does a product so perfectly blend function and form. Our façades improve a building's comfort level while offering the architect or designer a multitude of design options.

DESIGN

Our façades offer an unparalleled degree of design **freedom**. The availability of custom shapes, curved and tapered panels, a variety of joint options and an extensive range of colours and materials ensures that our products' appearance are just as impressive as their performance.

FUNCTIONALITY

We develop our façade products as **systems** - with integrated windows, doors and substructures. Architects can evaluate all aspects of the façade, from the visible surfaces to the construction and decide what will work best for them. Our systems can be **customized** to fit their needs often without costly adaptations. Our integrated, customisable façade systems allow freedom of design while reducing the cost of failure. All products are extensively tested for corrosion resistance, insulation, ventilation, fire resistance and wind load performance, ensuring that our façades look great and last long.

COMFORT

Our façade systems can significantly help to improve the **performance** and **comfort** level of a building. Not only do façades protect the building against noise and the sun, but they also shield walls from rain, wind and snow, keeping a more consistent interior temperature and humidity level.



Our Luxacote® finish is specifically designed to withstand the severe external conditions. The topcoat contains a solid UV filter, which guarantees perfect colour and gloss stability. This topcoat provides resistance against scratches and abrasion while the alloy and pre-treatment ensure corrosion resistance. Hunter Douglas products have been subjected to extensive laboratory and real-world testing to ensure the highest quality.



Unprecedented Protection
LUXACOTE
for exterior application

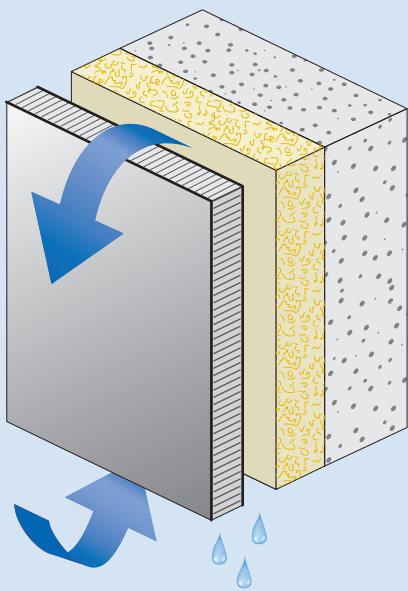


Ventilated Façades

UNPARALLELED CREATIVE POSSIBILITIES

Hunter Douglas Ventilated Façades are open joint cladding systems based on rain screen technology. The system's open joints allow natural ventilation in the cavity between the panel and the insulation. The integrated channels provide drainage for rain and condensation hidden behind the surface.

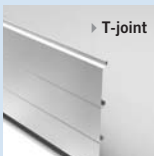
From Multiple Panel to QuadroClad® and Linear systems, our range of shapes, materials and details offer unparalleled creative possibilities. We truly offer project and **design solutions**.



QUADROCLAD® PANEL FAÇADE



MULTIPLE PANEL FAÇADE





Hunter Douglas Ventilated Façades offer excellent design, functionality and comfort:

- **Performance** - easy to adapt to specific project requirements
- **Economic value** - highly durable and fast and efficient installation
- **Green characteristics** - at the end of the façade lifecycle aluminium alloy is 100% recyclable
- **Aesthetic product** - colours, shapes, and details offer unparalleled design freedom
- **Ease of use** - demountable system that enables easy maintenance



QuadroClad® *LARGE FLAT PANEL FAÇADE*

Super-size your façade

We've borrowed technology from the aircraft industry to create our QuadroClad® Façade systems. The result is an extremely flat, durable panel available in extra large sizes. QuadroClad® panels with a coil coated aluminium skin can be curved or folded. Other skin finishes such as stainless steel and zinc can be created upon request.

Our 'total' façade system includes an adjustable support system and sun control, ensuring you have everything you need to create the looks and performance you want.

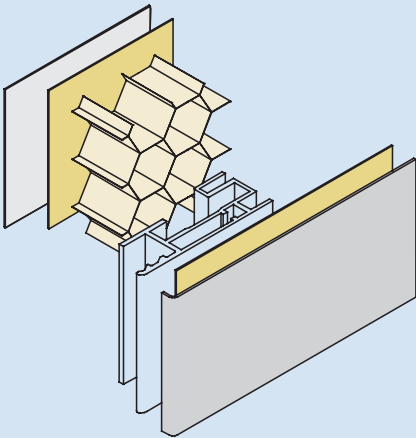
Above : Mahler 4, Amsterdam, The Netherlands
Architect: Toyo Ito and associates
Product : QuadroClad® Panel Façade

Right : D&G Construct, Genk, Belgium
Architect: Cretien Claessen
Product : QuadroClad® Panel Façade



QUADROCLAD® PANELS

- Dimensions up to 1,500 mm x 10,000 mm
- Extremely flat panel surface
- Aluminium honeycomb composite technology
- Finishes: coil coated, anodised, zinc and stainless steel
- Integrated support structure
- Individual panel installation
- Simple detailing
- Design freedom in panel shape and joints
- Can be used as exterior ceiling
- Designed to fit Sun Control systems
- Superior quality and durability
- Virtually maintenance free
- Certified fire performance/fire class A2
- Certified wind load performance



QUADROCLAD® 25 PANELS

- 25 mm thick aluminium panel system
- Capability to withstand very high wind loads
- Suitable for high-rise buildings

Below : Distributie Centrum, Tilburg, the Netherlands
Architect: Jeroen Weijers, Van Oers Weijers Architecten
Product : Quadroclad® panelen



QuadroClad®

Significantly improving

BUILT TO LAST

The aluminium QuadroClad® Ventilated Rainscreen Façade System was designed to withstand the elements. Produced from pre-coated aluminium, it is formed and combined with aluminium honeycomb reinforcement. The result: a strong, flat, lightweight, made-to-measure façade made to withstand the most severe environmental conditions.



COMMITTED TO QUALITY

A relentless commitment to quality, as well as more than 50 years of worldwide experience in the development and manufacturing of aluminium façades, create the foundation for all HunterDouglas® Façade Systems. All of our products have been extensively tested for corrosion resistance, insulation, ventilation, fire resistance and wind-load performance. Be assured, our façades look great, consistently perform and are built to last.

OPTIONS FOR EVERY APPLICATION

The flexibility in panel size and shape, as well as the option of curving and cranking, allows the QuadroClad® Façade System to be applied to almost any new or existing superstructure with simple and adjustable fixings.



Below : Burgers Ergon, Apeldoorn, The Netherlands
Architect: Artec Architecten
Product : QuadroClad® Panel Façade



COVERAGE AT ANY HEIGHT

The QuadroClad® Façade System, which includes louvers, is ideally suited to any building no matter what size - from low to high rise - and can be applied to any location within the building. Where large panels are vital to the design concept, QuadroClad® Panels offer a flexible solution in sizes up to 1,500 mm x 10,000 mm.



Left : The Orchard, City Ostrava, Czechia
Architect: OSA architects
Product : QuadroClad® Panel Façade

Multiple Panel Façade

LINEAR PANEL FAÇADE SYSTEM

Many panels. Many applications.



From high-rise structures to single-storey buildings Multiple Panel Façade provides a robust exterior solution. The system resists high wind loads, includes cranked corners that are precisely integrated with the support systems. The panels are coil coated with the durable Luxacote® finish, which is available in a wide variety of colours and resists corrosion, scratches and UV rays.

Right : Sunfilm Solar Factory Großröhrsdorf, Sunfilmstraße 8, Germany
Architect: IPRO Dresden Planungs- und Ingenieuraktiengesellschaft
Product : MPF 400, 500, 600

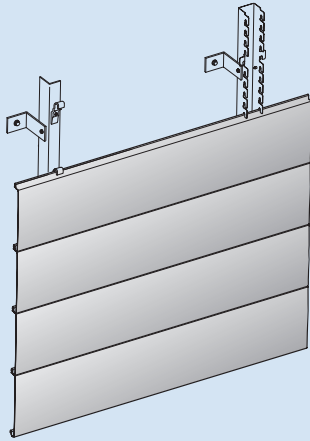


MULTIPLE PANEL FAÇADE

- Façade and exterior ceiling application
- Horizontal and vertical panel orientation
- Curved and shaped panels
- Outstanding corrosion, scratch and UV resistant Luxacote® finish
- Roll formed tongue-in-groove system
- Unique and secure mounting system
- Integrated support structure
- Different joint solutions
- Finishes: coil coated, anodised, copper, zinc and PVDF

150F & 200F MULTIPLE PANEL FAÇADE

- 150 mm and 200 mm wide
- 0.6 and 0.7 mm material thickness
- Closed flush T-joint
- Optimised system for medium wind load



200T/U - 600T/U MULTIPLE PANEL FAÇADE

- 200 to 600 mm wide in increments of 50 mm
- Material thickness 0.95 to 1.4 mm
- Variable module dimensions
- Cassette design with closed ends
- Closed flush T-joint
- Closed recessed U-joint, 25 mm wide
- Developed for medium to high wind loads

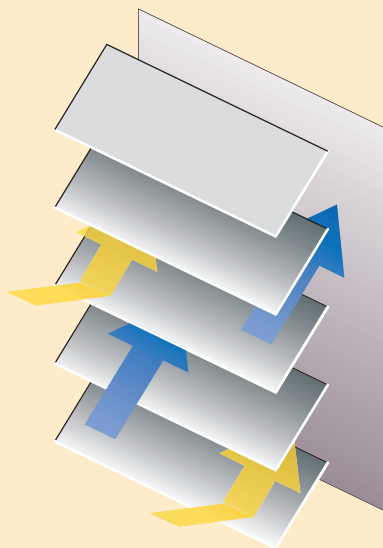
Below : Canadian Embassy, Bucharest, Romania
Architect: Vladimir Arsene, Westfourth Architecture
Product : Multi Panel Façade 300T



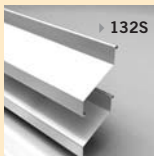
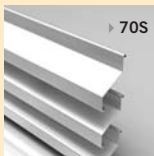
Open Structure Façades

VERSATILE VENTILATED SYSTEM

Our Ventilated Open Structure Façade systems allow **light and air** to travel easily through the system and establish a crisp, clean aesthetic. Traditionally built with linear panels, Open Structure Façades prove useful in a number of applications, including ventilated fences around mechanical systems such as cooling units. With our flexible open-structure systems, the possibilities are wide open.



LINEAR FAÇADE





Hunter Douglas Open Structure Façades offer excellent design, functionality and comfort:

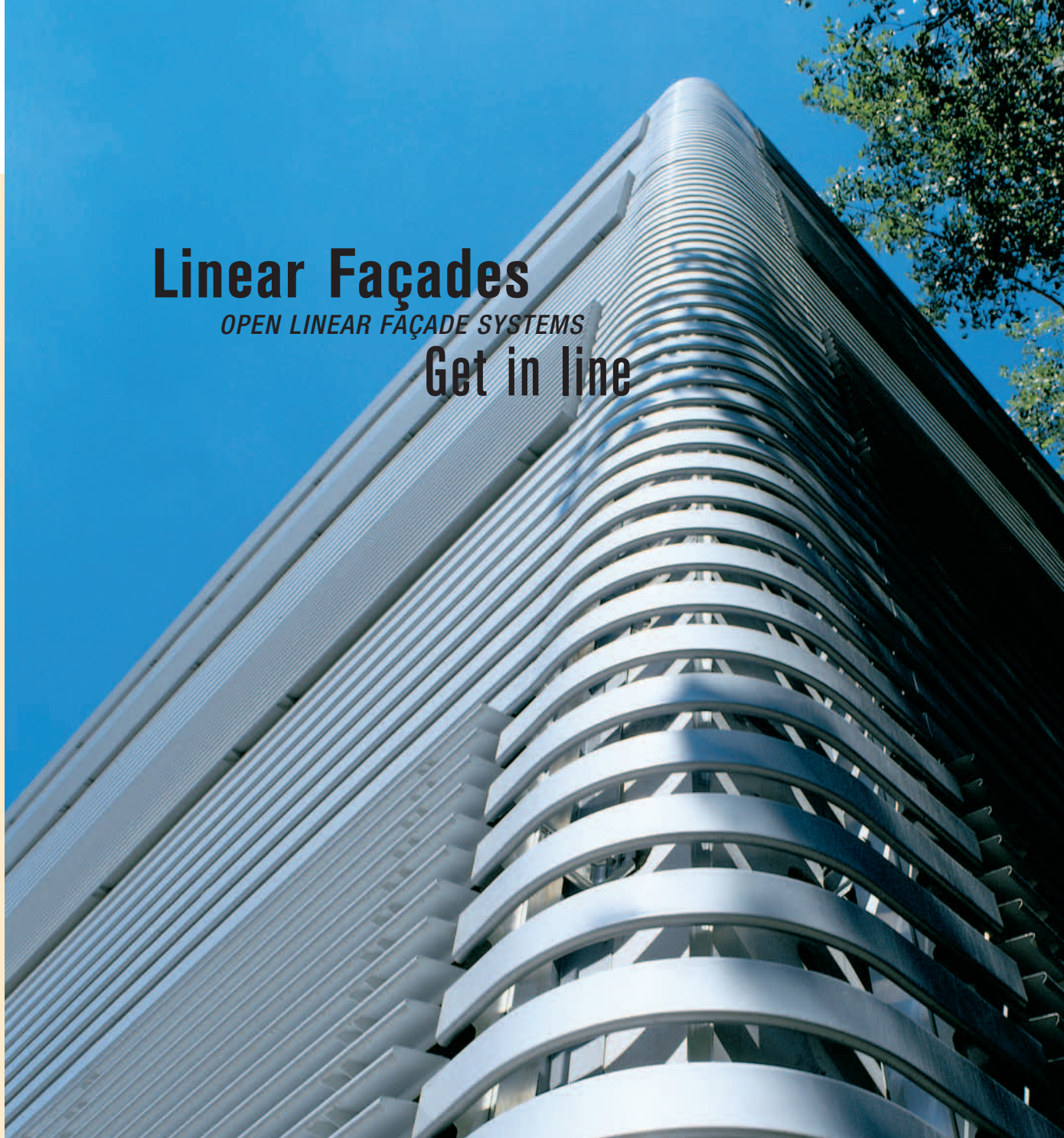
- **Performance** - optimal airflow and light entry
- **Economic value** - outstanding durability and produced in a highly efficient way
- **Green characteristics** - aluminium alloy is fully recyclable at the end of the façade lifecycle
- **Aesthetic product** - linear and open structure façades come in multiple colours and shapes that provide design freedom
- **Ease of use** - simple installation and virtually no maintenance



Linear Façades

OPEN LINEAR FAÇADE SYSTEMS

Get in line



A truly adaptable system. Linear Façade systems can be used as façades, ventilated fences and even as a Sun Control system. The aluminium panels are extremely light and the integrated support structure allows both horizontal and vertical installations. Whether they are being used as façades, elevations in front of 'open' staircases or ventilated walls, our linear panels help you create a look that is highly functional with a strong aesthetic.



Left : West End, parking garage, Bratislava, Slovakia
Architect: Závodný
Product : 84R Linear Façade

LINEAR FAÇADES

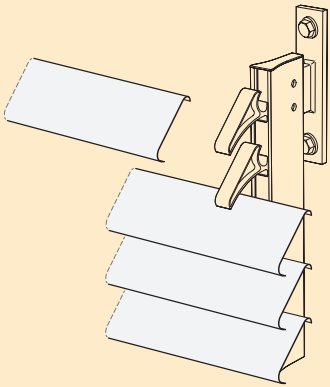
- Unique support structure
- Can be used as Sun Control application
- Endless colour availability

84R LINEAR FAÇADE

- 84 mm wide
- Length up to 6000 mm
- Material thickness 0.6 mm
- Horizontal, vertical panel orientation
- Individual panels
- First class Luxacote® finish
- Extremely light roll formed panel

70S/132S LINEAR FAÇADE

- Z shaped panel 70/132 mm high
- Length up to 6000 mm
- Material thickness 0.6 mm
- First class Luxacote® finish
- Extremely light roll formed panel



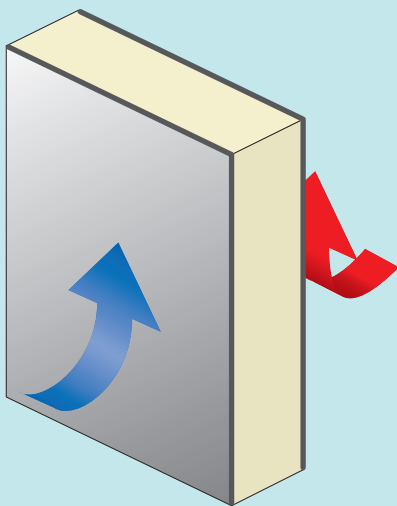
Above : Logistikzentrum Post, Wädenswil, Switzerland
Architect: HZDS AG Generalplaner
Product : 84R Linear Façade H3

Insulated Façades

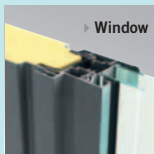
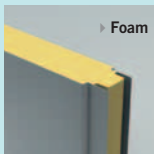
IMPROVE ENERGY PERFORMANCE AND STYLE

Our Insulated Façade system consists of a HCFC-free organic foam applied between aluminium or steel skins. These façades are extensively tested for insulation, fire-rating and acoustical properties. Our insulated systems are available in a unique variety of shapes, corner solutions and joint options and can be combined with integrated windows.

Almost any architectural design can be translated into a practical façade solution. **Made-to-measure** panels can be curved or cranked in either length or width and offer practical ways to improve building energy performance without compromising design.



INSULATED FAÇADE





Hunter Douglas Insulated Façades offer excellent design, functionality and comfort:

- **Performance** - insulation, fire rating and acoustical properties are incorporated in one system
- **Economic value** - highly durable with easy and effective installation
- **Green characteristics** - aluminium alloy is 100% recyclable at the end of the façade lifecycle
- **Aesthetic product** - made to measure shapes, corner solutions, joint options and integrated windows give maximum design freedom
- **Ease of use** - thought through installation details resulting in an almost maintenance free façade



Sandwich Wall

LARGE SIZE INSULATED WALL PANEL SYSTEM

The perfect match



With our Sandwich Wall, you can turn nearly any design into reality. Panels have many joint details and can incorporate false joints, providing limitless options for designers. The standard panels have roll formed sides and cut ends.

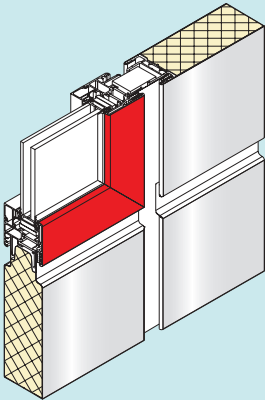
Unique for Hunter Douglas is the Bi-modular Sandwich Wall with identical joints all-around creating a cassette appearance with insulating properties. A Hunter Douglas designed fully integrated and flush window and door system completes the insulated 'total' façade system. In addition, the concealed mounting system ensures that your design is what shines.

Right : Rolls-Royce, Glasgow, UK
Architect: Bradford Robertson Architects
Product : Sandwich Wall



SANDWICH WALL

- Made to measure panels
- Up to 12 meters in length
- Standard widths but any panel module up to 1200 mm wide is available
- Choice of skin materials: aluminium, stainless steel and steel
- Superior flatness
- Texture and formed skin shapes
- 'Total' façade system including fully integrated windows and doors
- Dry sealed system
- Bi-modular joints, identical joint design at all four panel sides
- Foam core
- Certified fire performance (CE)
For pu-foam panels:
B-s3, d0 according to EN 13501-1
- Horizontal and vertical installations
- Unique, concealed mounting system
- For new build and over-cladding projects
- CE marking EN14509



Below : NedPack Offices, Harderwijk, the Netherlands
Architect: Hannessen, Harderwijk
Product : Sandwich Wall



HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

For 50 years, we've forged our name by holding ourselves to the highest standards in product construction, service and support.



We plan on continuing that trend, helping turn innovative sketches into innovative buildings for architects and designers around the globe.

With major operation centers in Europe, North America, Latin America, Asia and Australia and more than 16,500 employees, we've contributed to thousands of high-profile projects in the areas of window coverings, ceilings, solar control and façades.

We keep the world's architects and designers in mind from product fabrication to project completion. If they need it, we'll do it. We provide architects and installers with technical advise, design propositions and visualisations, mounting drawings and installation training - whatever is needed to help create their vision.



Promoting sustainable
forest management
www.pefc.org



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.



HunterDouglas

FAÇADES

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, and colours and finishes. We also help creating design proposals, visualisations and mounting drawings. Our services to installers range from providing detailed installation drawings and instructions to training installers and advising on the building site.

Innovative Products Make Innovative Projects



Learn More

- Contact our Sales office
- www.hunterdouglascontract.com

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