

DCD CONSTRUCTORS

Housing Construction Design

GALLERY

Doc no.: DCD/CONS/DS/APRIL/2023



ABOUT THE PRESENTATION

To our Customers and Housing Constructors, we offer and supply the Housing Construction Solutions that PSE designs, manufacturers, specifically the design and supply of:

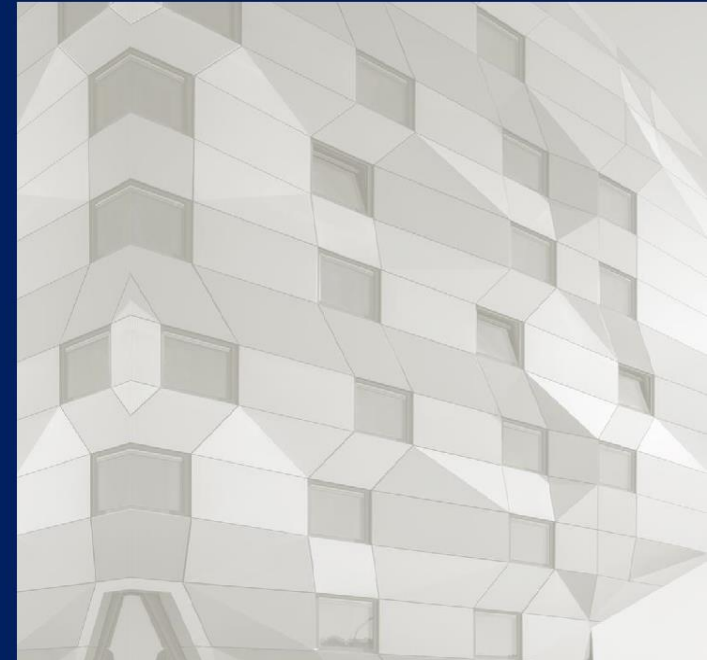
- ✓ Cladding Metal Panel Systems,
- ✓ Exterior Sunshades & Louvers Systems, and
- ✓ Exterior & Interior Ceiling Wall Panel Systems

PROJECT & CASE STUDY

TECHNICAL SPECIFICATIONS

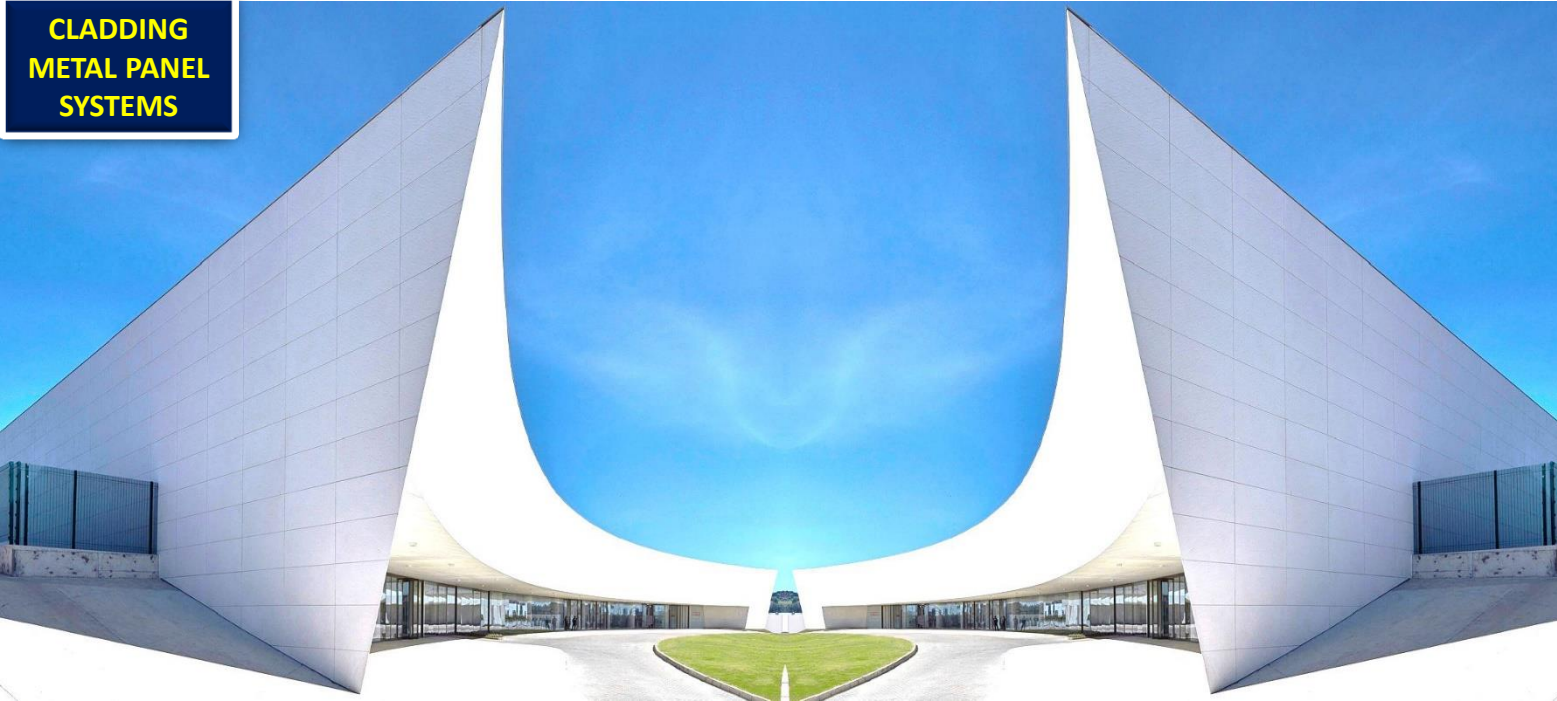
TECHNICAL SPECIFICATION

Drawing reference	Project drawings, and Technical Drawings
Supports	Reinforced concrete wall or steelwork by others
Bearing width for brackets	Minium 140mm
Pitch	90 degrees As per section drawings
Rainscreen Panels	Factory manufactured metal cassette panels with baffled horizontal joints and double return folds to vertical edges with cut out slots for concealed fixing
Support system	Extruded aluminium wall support brackets to create the insulation zone and ventilation gap to rear of panels. Extruded aluminium vertical carrier support/ drainage channel with epdm baffle gaskets and fully adjustable aluminium support hooks
Manufacturing Tolerances	Length(mm): ± 2 mm Height(mm): ± 2 mm Out of square(mm): ± 2 mm
External facing material	3mm Aluminium alloy 3013 H14
Profile	Flat
Finish/Colour	External paint finish to be polyester powder paint from the Syntha Pulvin Plus range with a coating thickness of 60 microns. Marine specification, applied by an approved Syntha Pulvin painting contractor
Cover width	See Elevation drawings
Joint type	20mm open shadowline/baffle joints
Insulation	80mm Rockwool Duo Slab as per clause
Accessories	Flashings/copings etc. to be manufactured by EDM Products Ltd from mill finished aluminium and polyester powder painted to the same specification as the rainscreen panels to ensure colour matching
Primary cladding fasteners	Size and type to be determined by the rainscreen installer and agreed with the Structural Engineer
Number and location of fasteners	As determined by panel layout and calculations
Special features	20mm shadow gap to all sides



DESIGN & SUPPLY OF CLADDING METAL PANEL SYSTEMS

**CLADDING
METAL PANEL
SYSTEMS**



**DESIGN & SUPPLY
CLADDING &
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System Application

- +Rainscreen ACM Panel system
- +Wet Joint ACM Panel System
- +Perforated Panel System
- +Glazed in ACM Panel System
- +ACM Column Cover
- +3D Curved Panels
- +Bespoke Rainscreen Panel

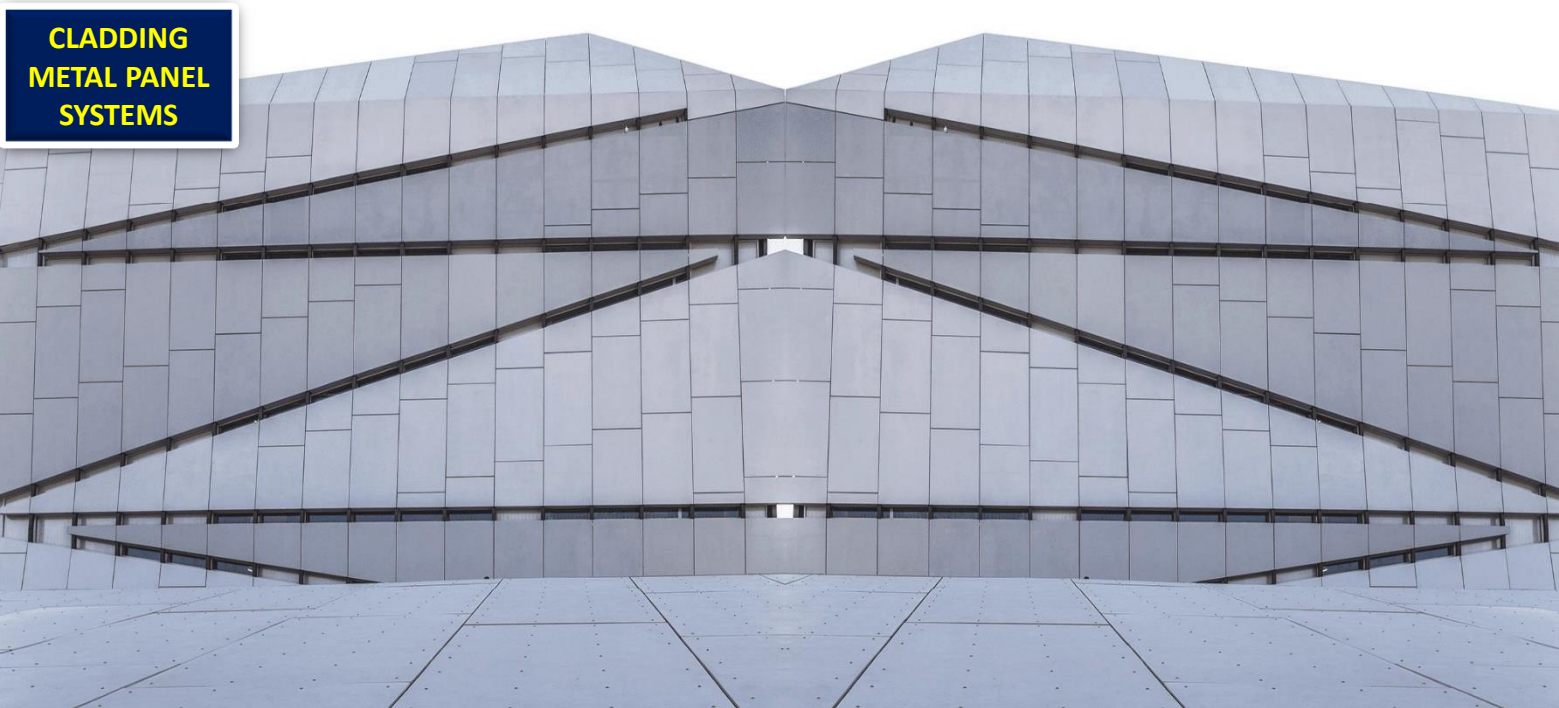
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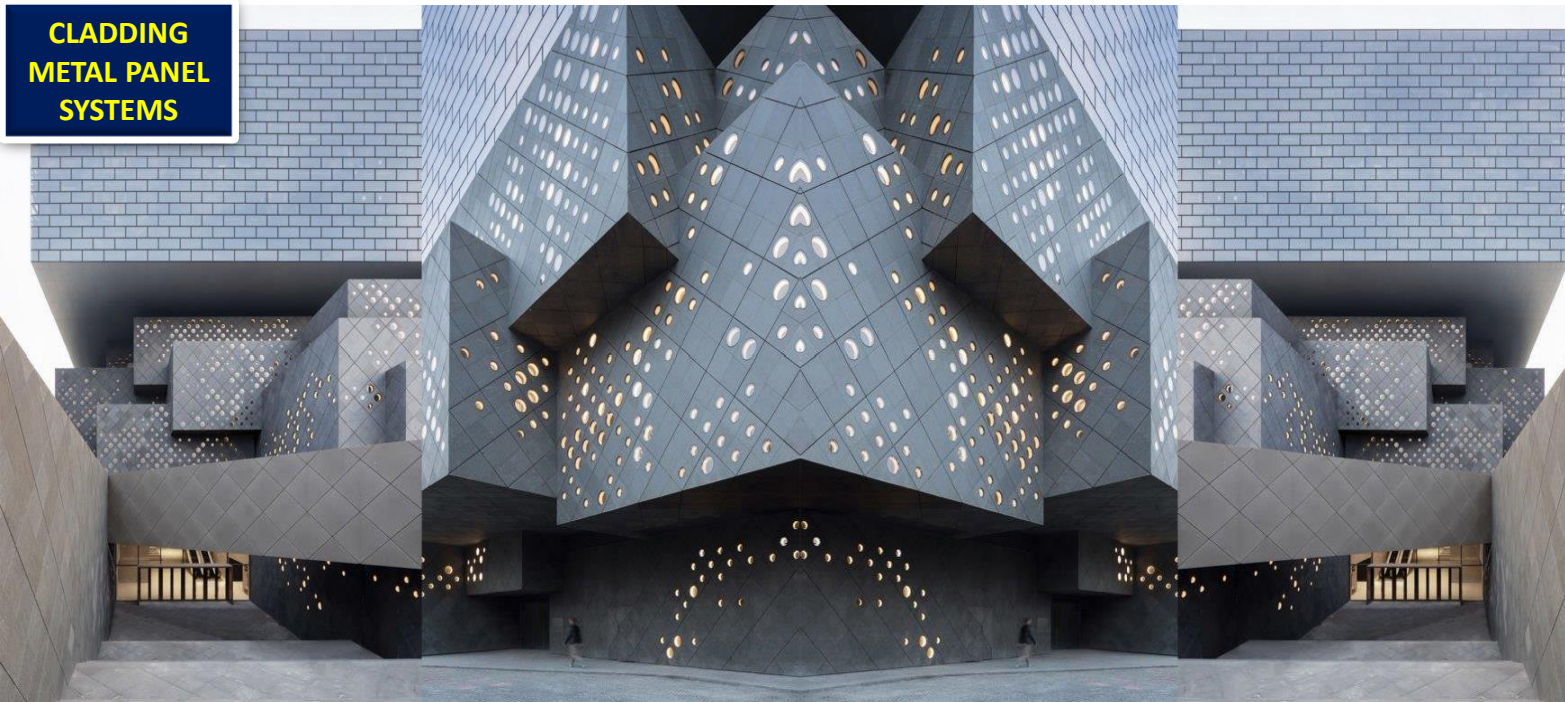
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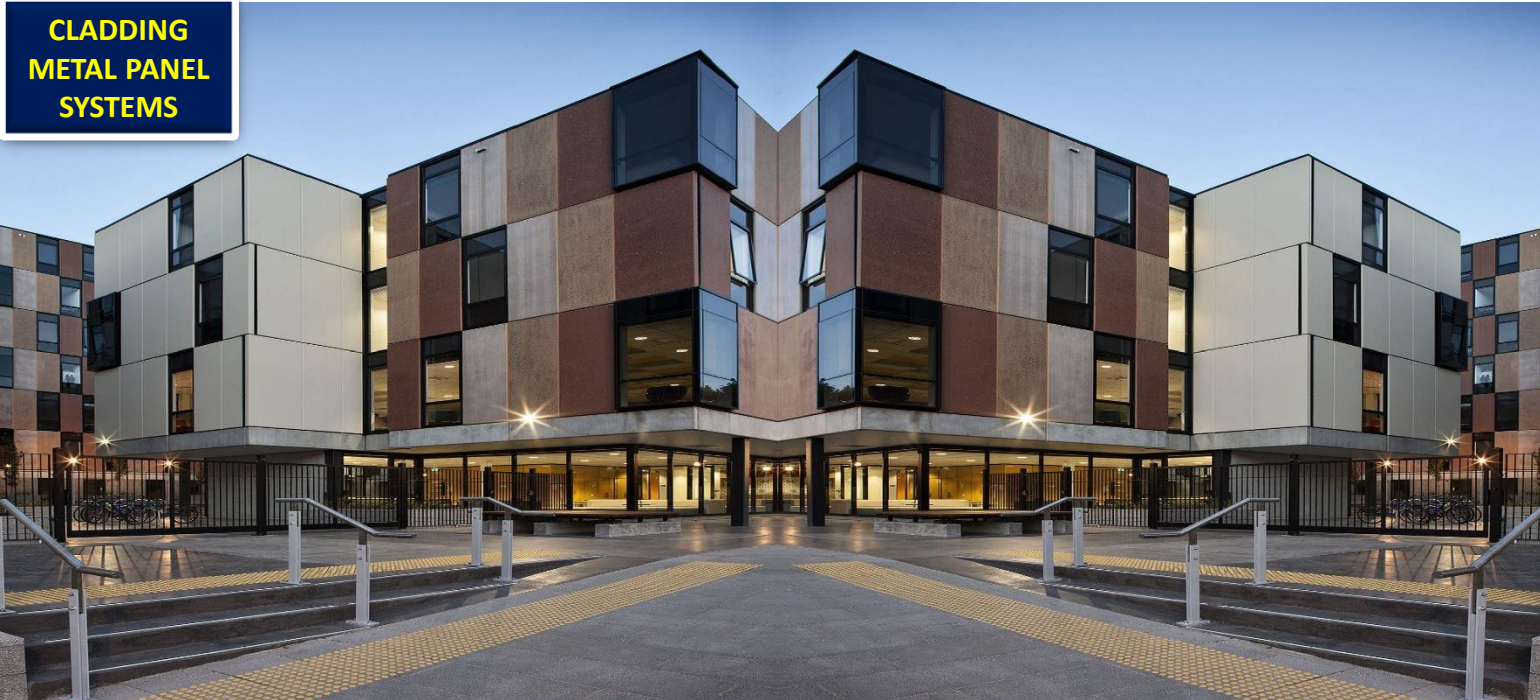
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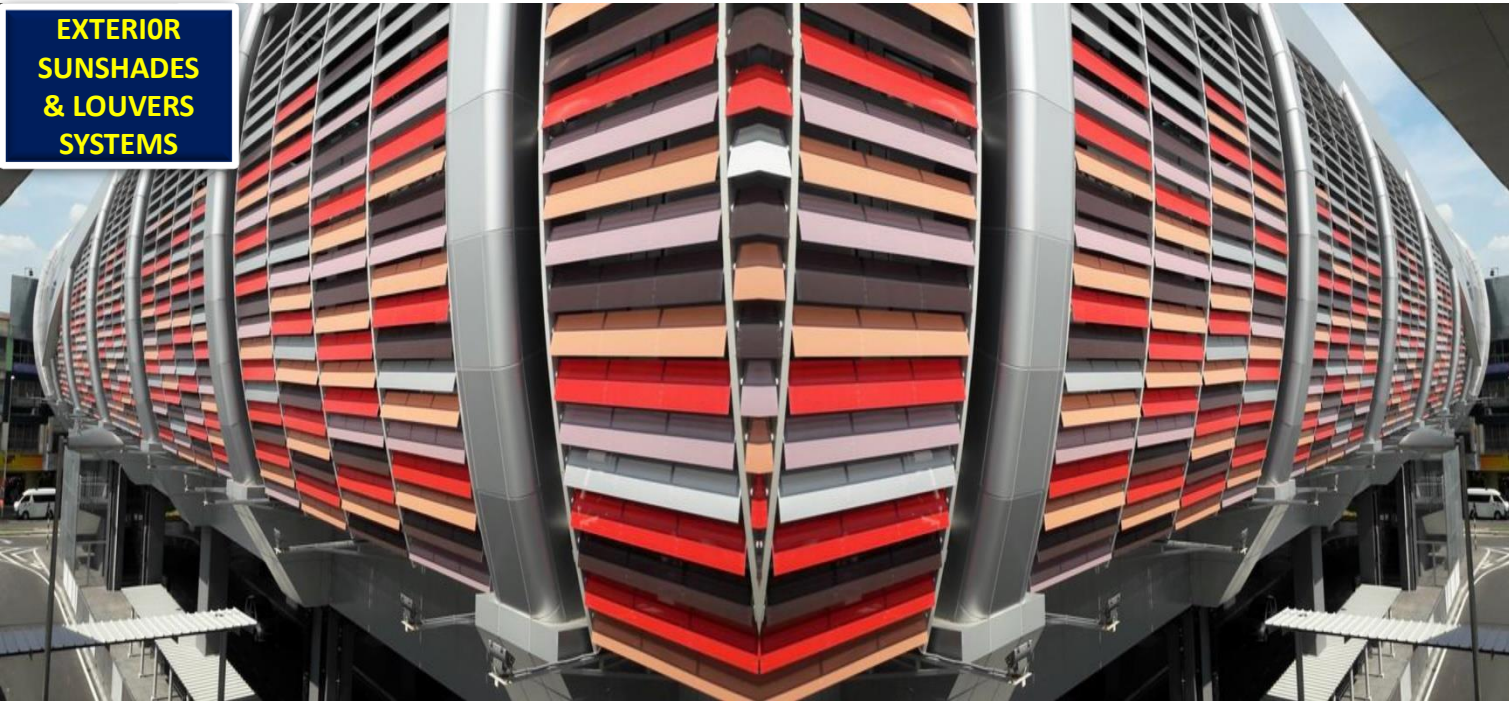
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DESIGN & SUPPLY OF EXTERIOR SUNSHADES & LOUVERS SYSTEMS

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- +Sun Louvers
- +AeroBrise & AeroFolds
- +AeroScreen & AeroSkin
- +Shutters
- +Airfoil Sunshades
- +Aluminum Tube Sunshade
- +Eggcrate Sunshades
- +Perforated Sunshades
- +Radiused Custom Sunshades
- +Vertical Exterior Sunshades
- +Architectural Grilles & Louvre

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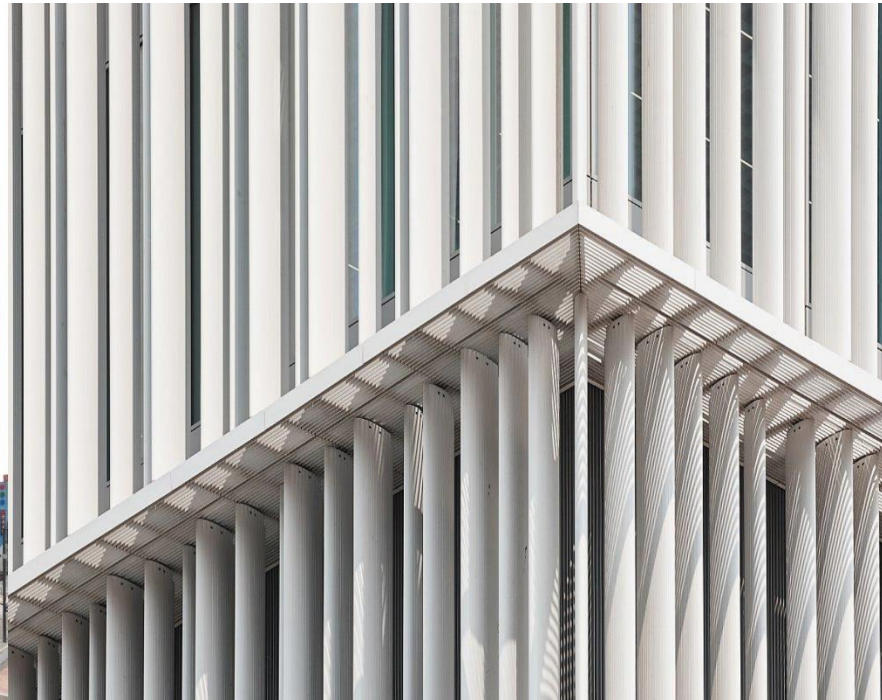
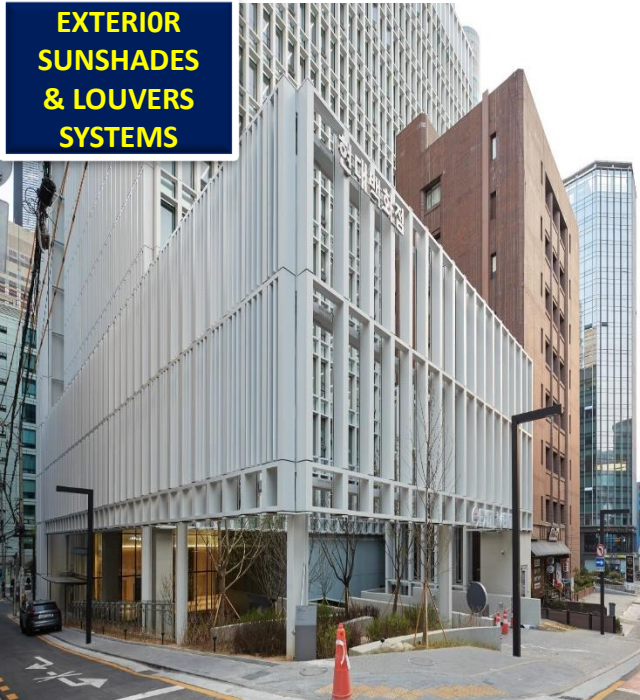
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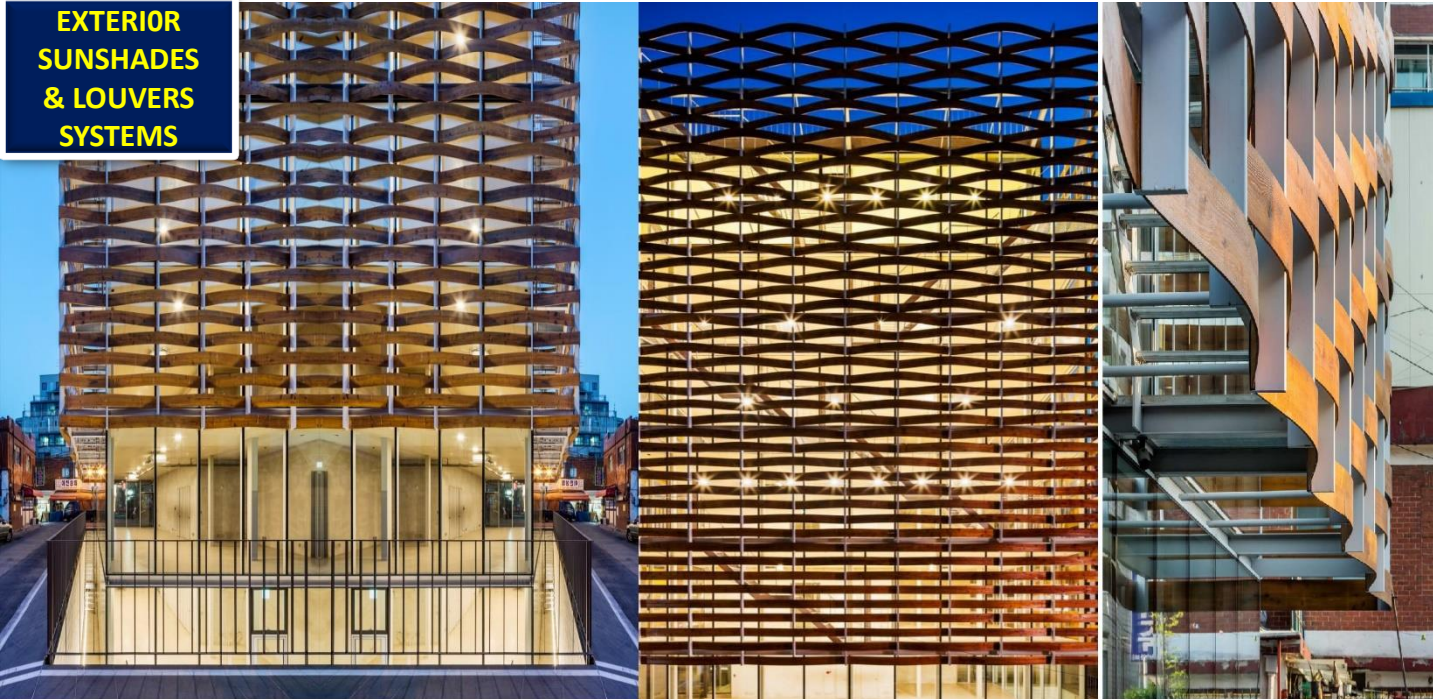
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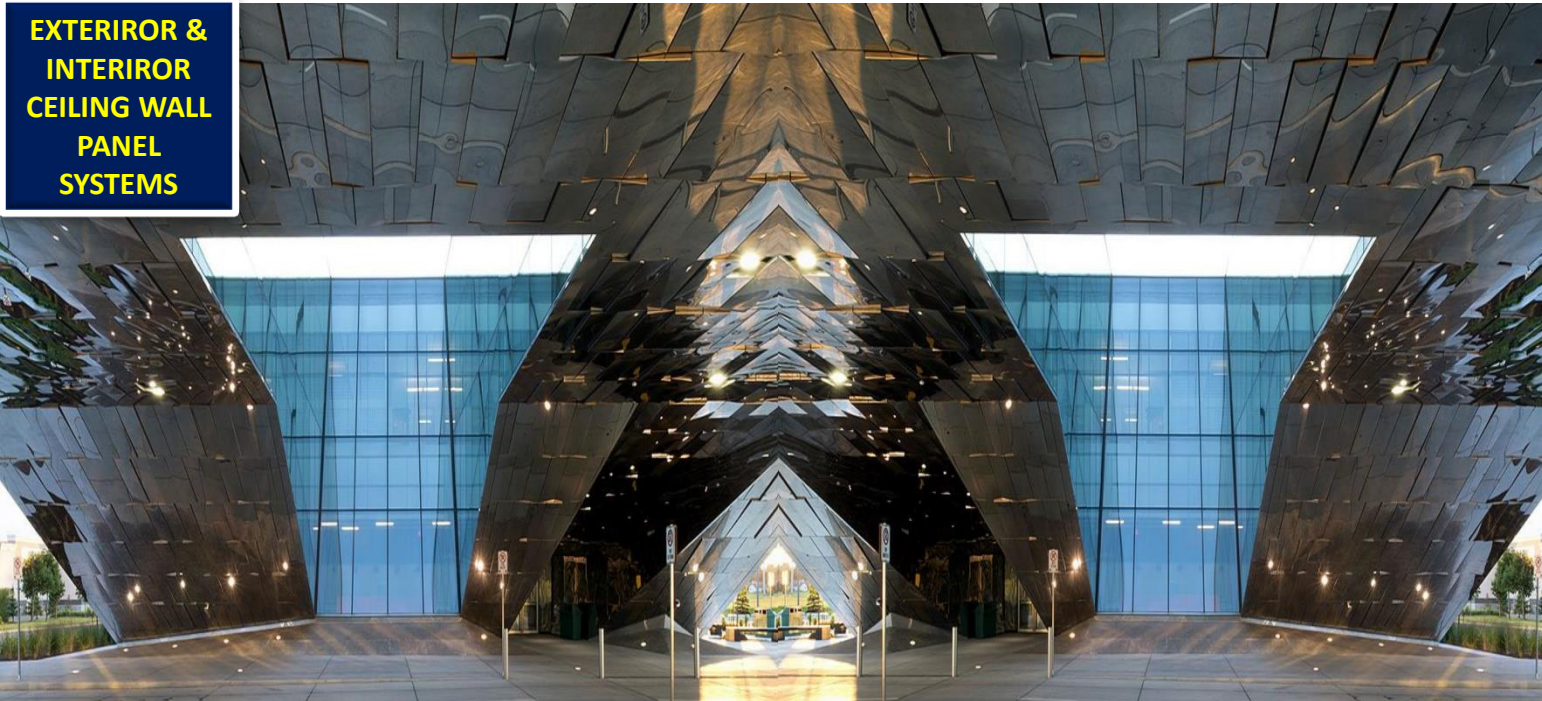
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DESIGN & SUPPLY OF EXTERIOR & INTERIOR CEILING WALL PANEL SYSTEMS

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System Application

- +Ceiling & Walling Fittings
- +Exterior Ceiling Panels
- +Interior Metal Ceiling
- +Interior Wall Panels
- +Mesh Screen Wall
- +3D Ceiling and Wall Panels
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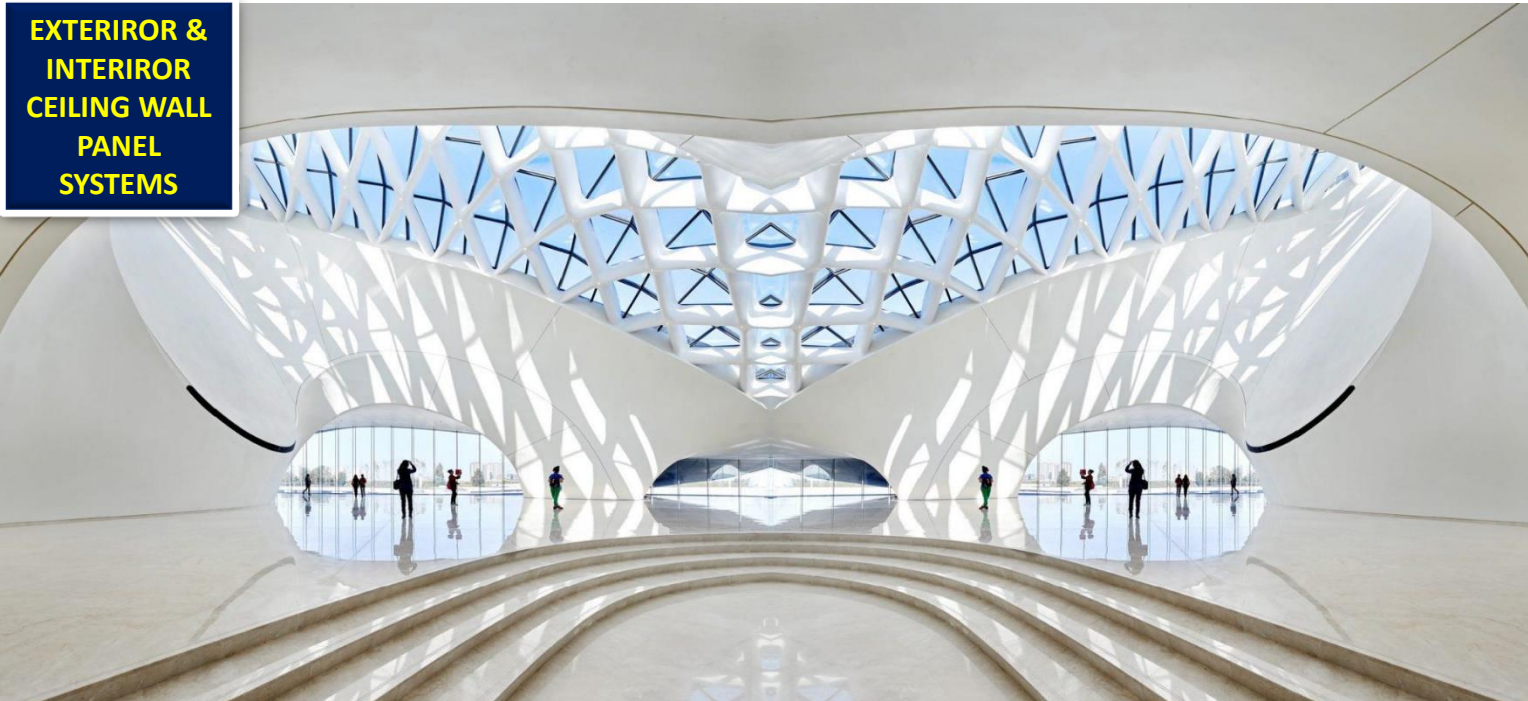
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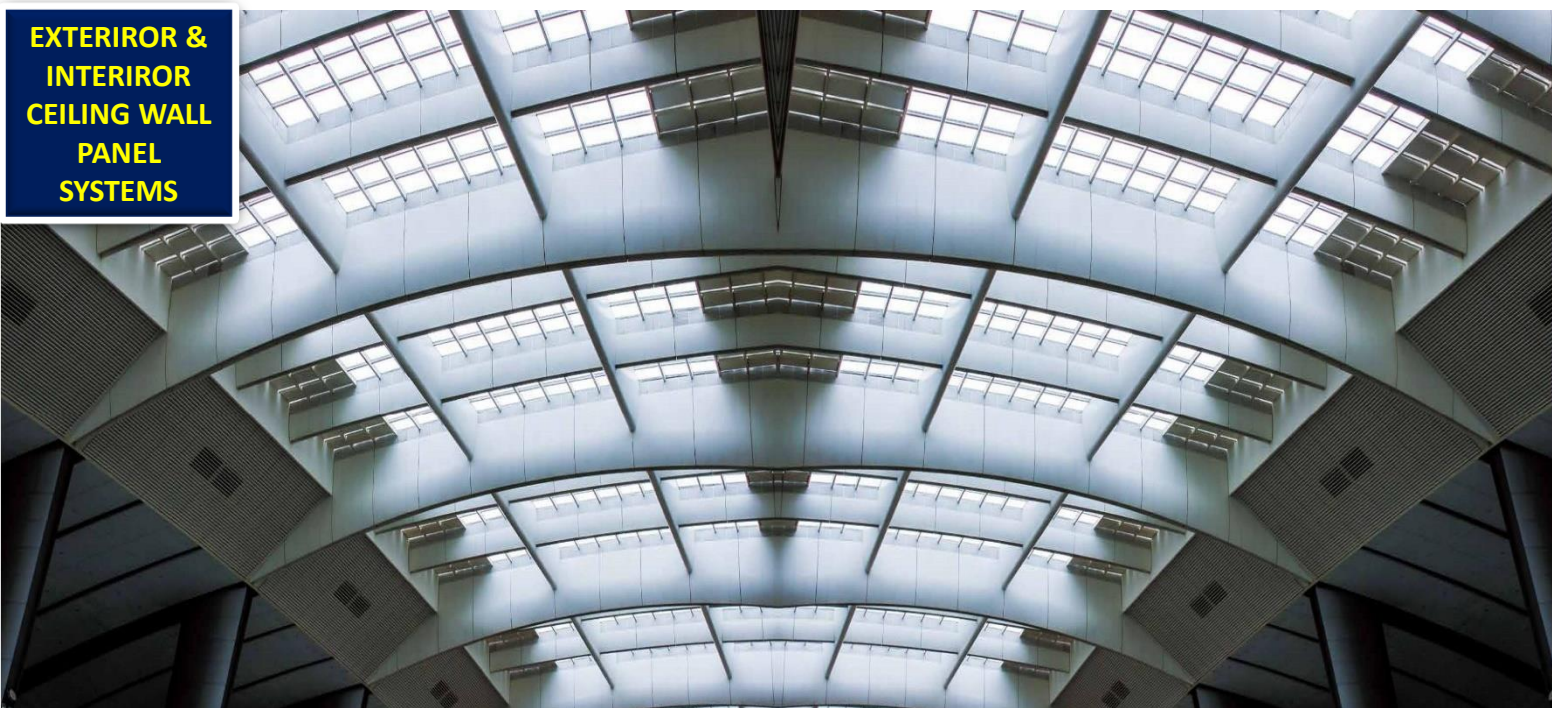
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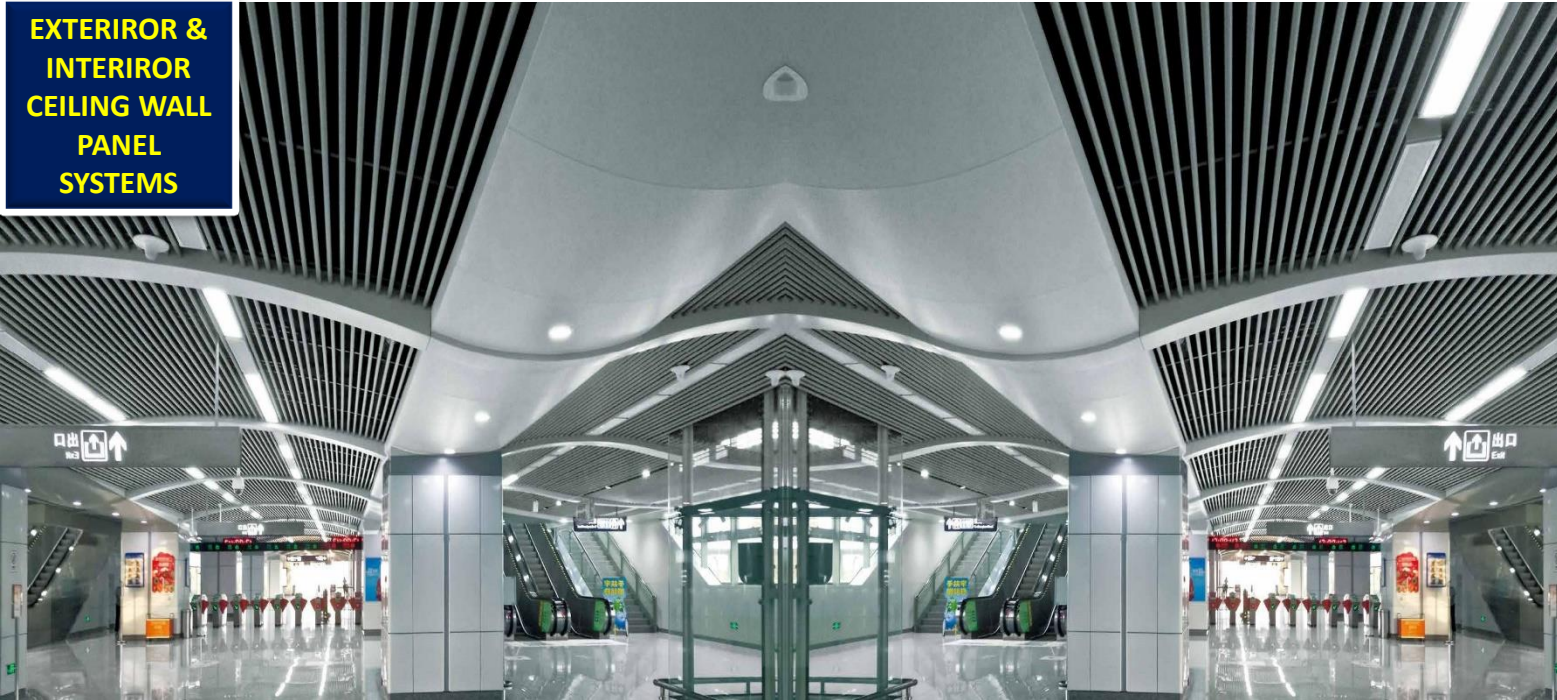
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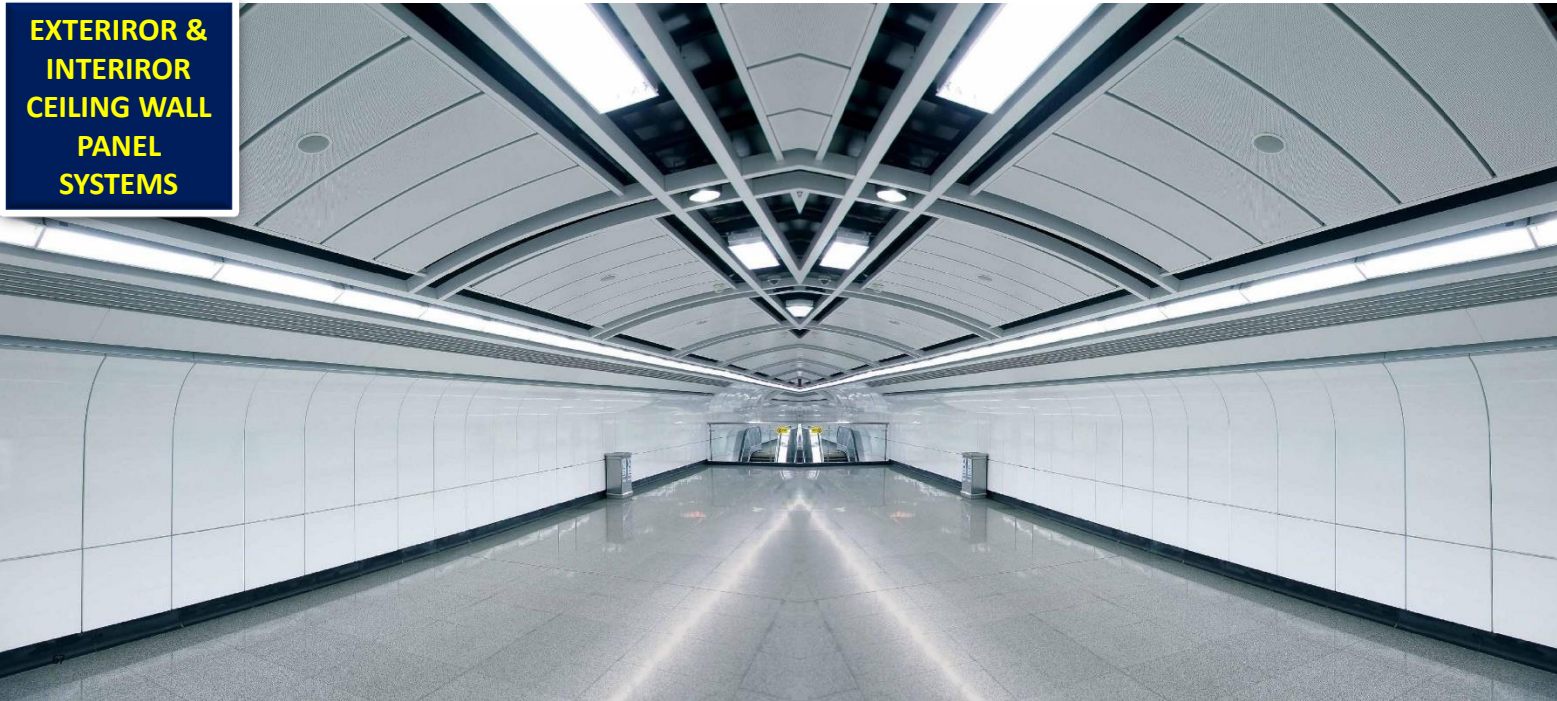
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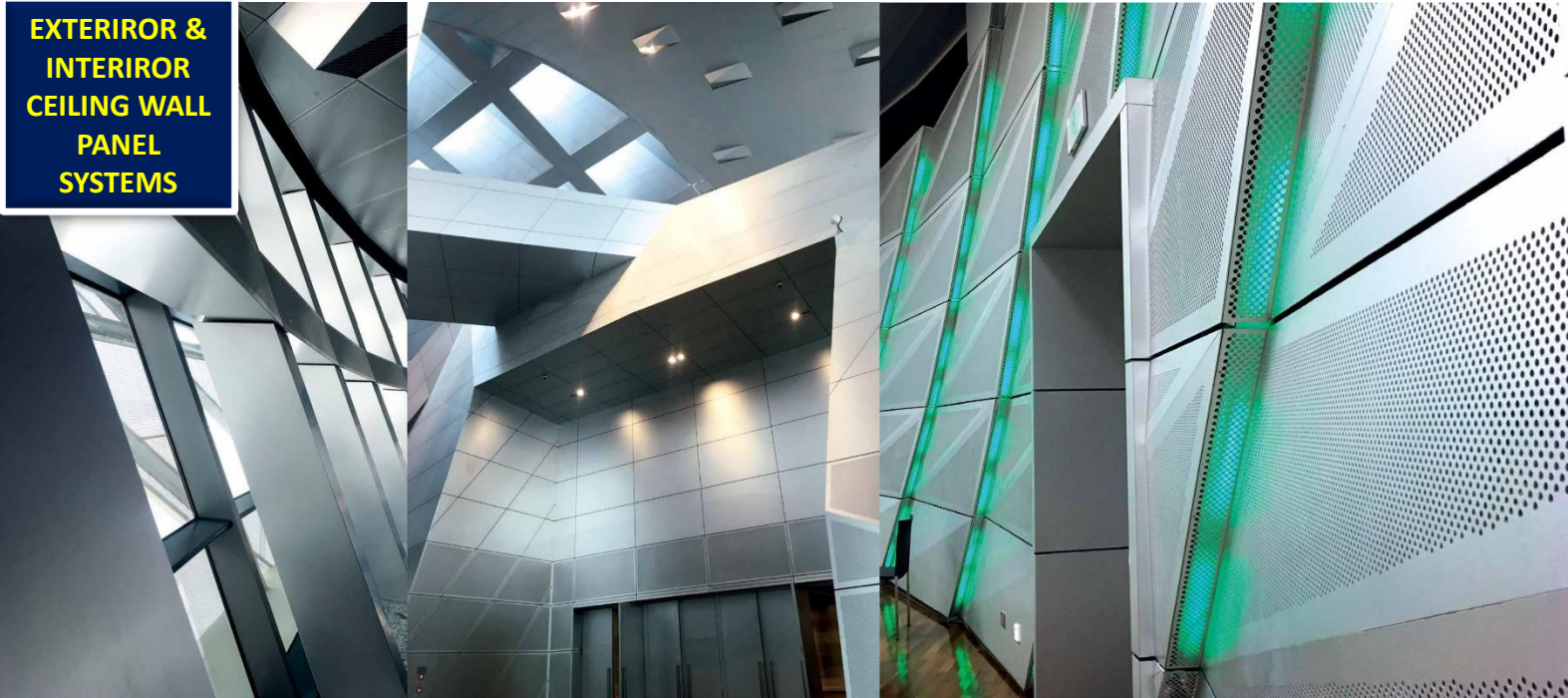
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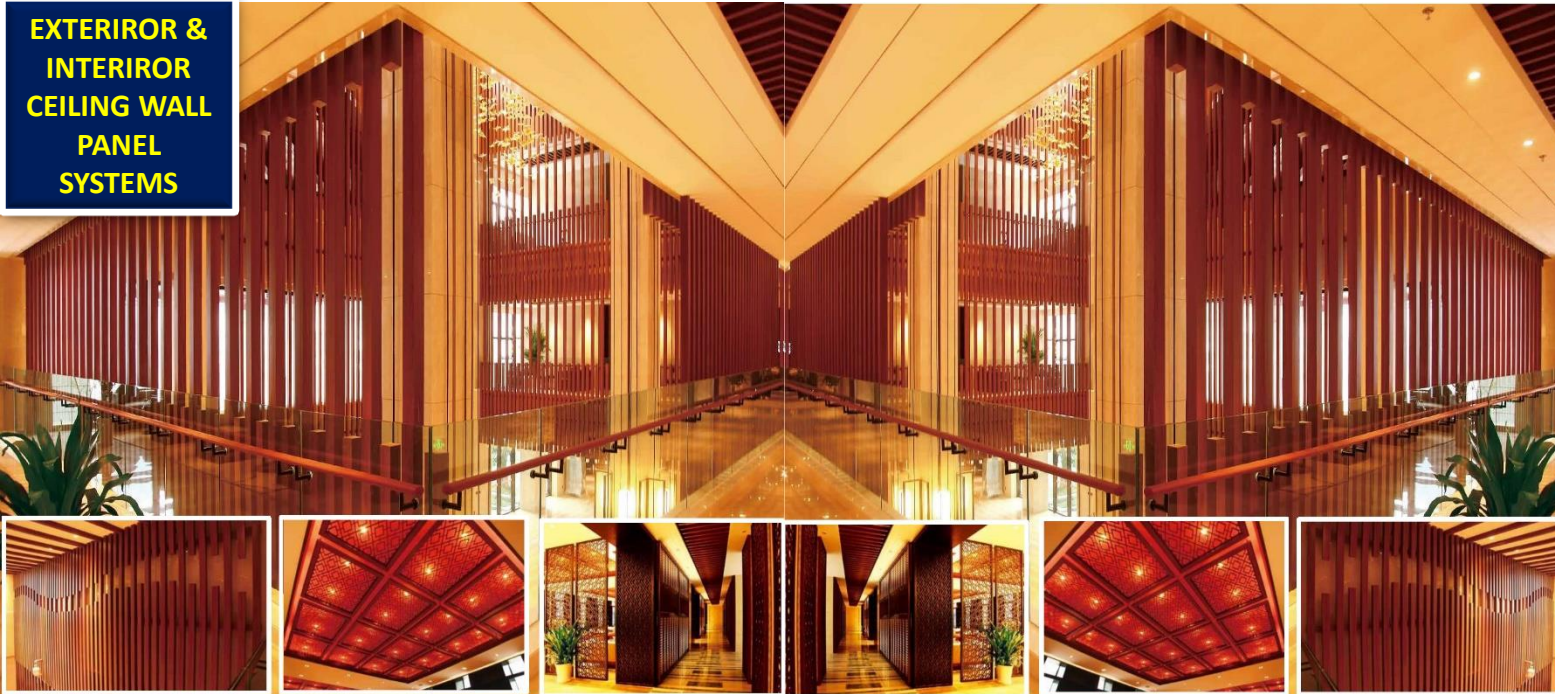
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OUR BUSINESS CONTACTS

Our Business Office:

DCD CONSTRUCTORS

38 Prior Hall, Spawell Road,
Wexford Town, Y35 X2A2

Rep. of Ireland

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