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ARCHI FACADE
ARCHITECTURAL BUILDING AND FACADE CELUKA GRILLE PANEL DESIGN SPECIALIST



**THE LIGHTWEIGHT
ARCHITECTURAL SOLUTION**



Introduction

Architectural Lightweight PVC Composite Panel.

PRODUCT DESCRIPTION

ARCHI FACADE CPC Lightweight Lattice and Wall panels are produced from eco-friendly foam extrusions and mouldings which are lead-free, acid-free and nontoxic. This green foam product has passed the tests of SGS and ASTM and has already been sold to over 80 countries around the world.

It is strong, durable yet light weight and easy to install product which will not rot, warp or delaminate.

The nature of this product can withstand to rough weather, shocks, abrasions and salt water corrosion which are added advantages, therefore making it ideal and applicable to seaside projects.

Beside that, it also impervious to salts, insects and many chemicals including some acids making it virtually maintenance free.

Furthermore, this PVC Composite are resistant to mold and are workable and good as wood works furniture due to its nontoxic and fire retardant properties (self extinguished within 10 seconds and No Dripping). Lastly, the remnants of this material are recyclable and thus reducing waste.



About Us

Archi facade team members.



ARCHI FACADE SDN BHD

As manufacturer and offers superior quality of CPC (Celuka PVC Composite) in architectural building facade lightweight lattice grille and panel design specialist.

Our products can be supply in standard or custom made design and available in various thickness in accordance to designer's creativity or to suit client's specification.

We are led by a skilled and dedicated design team that is committed to creating excellent designs to cater to your architectural needs.

Archi facade is committed to constant

improvement in our products and services to meet the requirements of your project.



Advantages

Architectural Lightweight PVC Composite Panel.

- **HIGH PRODUCTIVITY.**
- **LIGHTWEIGHT AND EASY INSTALLATION.**
- **PRECISE AND CONSISTENT DIMENSIONS IN FABRICATION.**
- **FLEXIBILITY IN DESIGN AND CREATIVITY.**
- **WIDE RANGE OF WATER BASE OR SOLVENT COLOUR FINISHING.**
- **GOOD FLEXURAL STRENGTH AND VERSATILE.**
- **COST REDUCTION AND LESS LABOUR INTENSIVE.**
- **BETTER QUALITY AND WORKMANSHIP.**
- **UV PROTECTION COATING.**
- **GOOD FOR INDOOR AND OUTDOOR APPLICATION.**
- **ENVIRONMENTAL FRIENDLY.**
- **WEATHER AND MOISTURE RESISTANT.**
- **MOLD FREE AND INSECT RESISTANT.**
- **FIRE RETARDANT (SELF EXTINGUISHED).**
- **NONTOXIC TOXIC.**
- **RECYCLABLE.**

PRODUCT TECHNICAL SPECIFICATION

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
DENSITY (Specific Gravity)	ASTM D792	g/cm ³	0.45-0.80
SHORE D HARDNESS	ASTM D2240	D	45-80
TENSILE STRENGTH	QB/T 2463.2	Mpa	>13
IMPACT STRENGTH (+20°C)	QB/T 2463.2	kJ/m ²	LW:29
			CW:19
FLEXURAL STRENGTH	ASTM D790	kg/cm ²	150-260
NAIL HOLD	ASTM D1761	lbf/in	60
SCREW HOLDING STRENGTH	ASTM D1761	lbf/in	360
WATER ABSORPTION	ASTM D570	%	1≤
Coefficient of linear Thermal expansion (from -30°C to +30°C)	ASTM D696	mm/m °C	0.046
Vicat Softening Temperature	ASTM D1525	°C	72
Heat Deflection Temperature	ASTM D648	°C	60
FIRE BEHAVIOUR	UL 94:2011	/	Class V-O Self Extinguished 10 sec-No dripping.

High Rise Buildings

Facade CPC Decorative Screen Cladding.



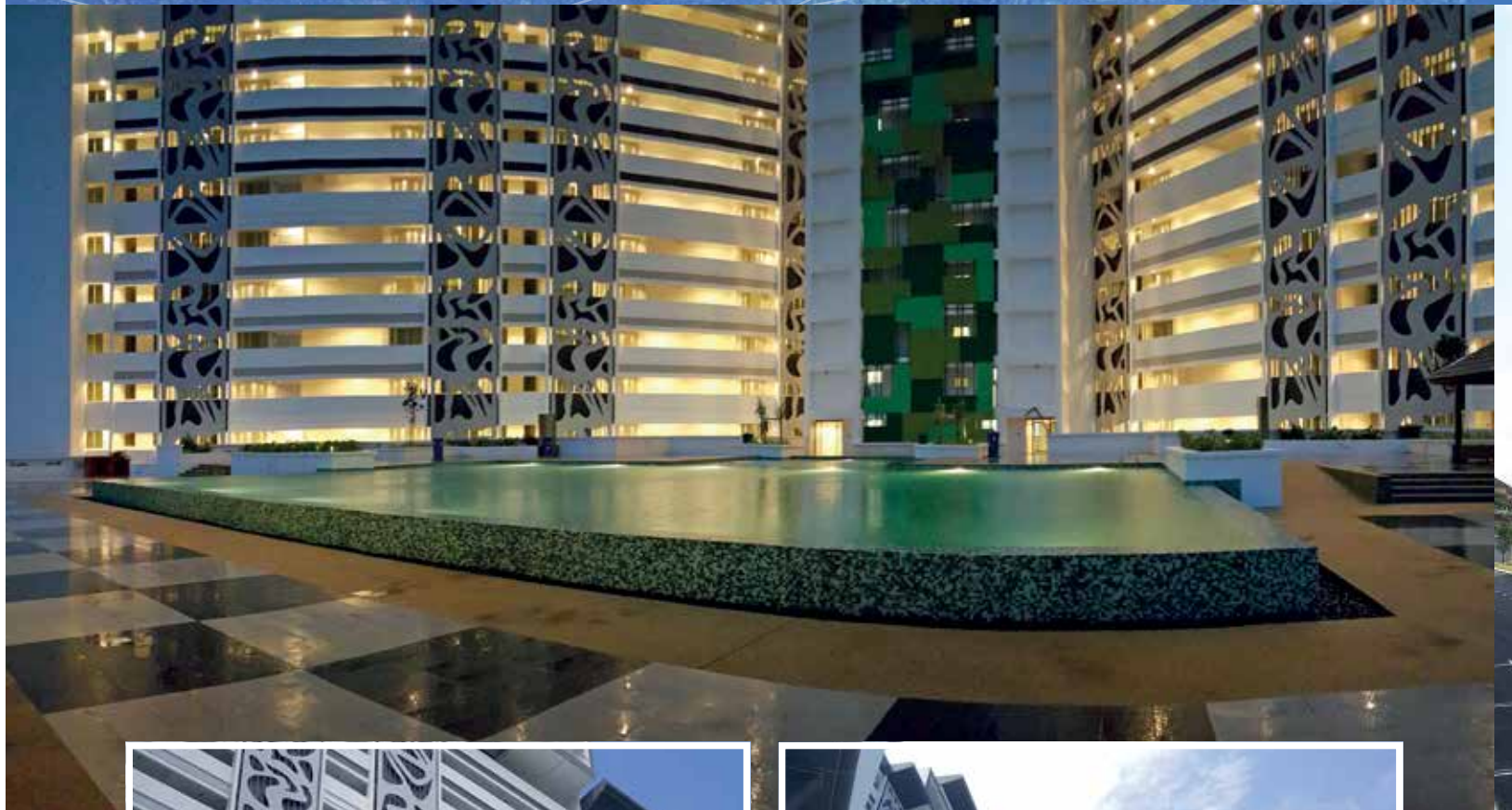
High Rise & Buildings

Facade CPC Decorative Lattice Screen.



High Rise Buildings

Facade CPC Decorative Panel Cladding.



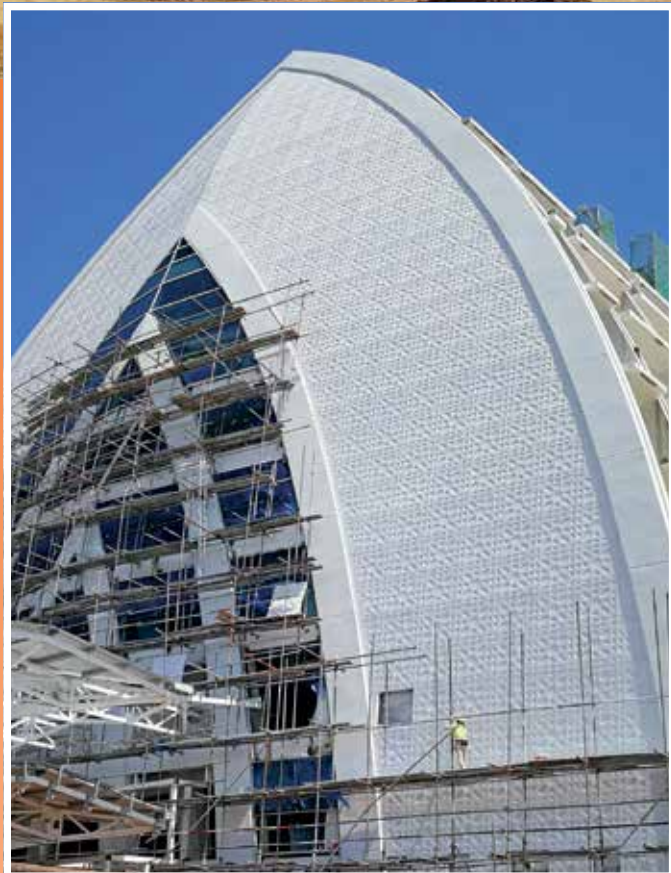
High Rise & Buildings

Facade CPC Decorative Islamic Screen Panel.



High Rise & Buildings

Facade CPC Islamic Motif Panel Cladding.



High Rise & Buildings

Facade CPC Decorative Islamic Motif Screen.



High Rise & Buildings

Facade CPC Islamic Motif Panel Cladding.



MOSQUE

Facade CPC Islamic Motif Lattice Screen.



MOSQUE.

Facade CPC Islamic Motif Lattice Screen.



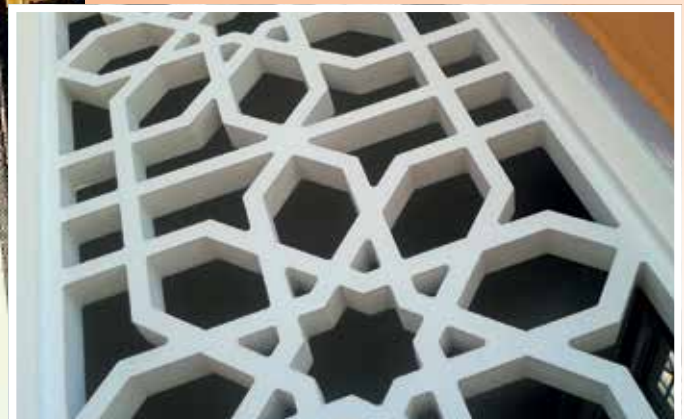
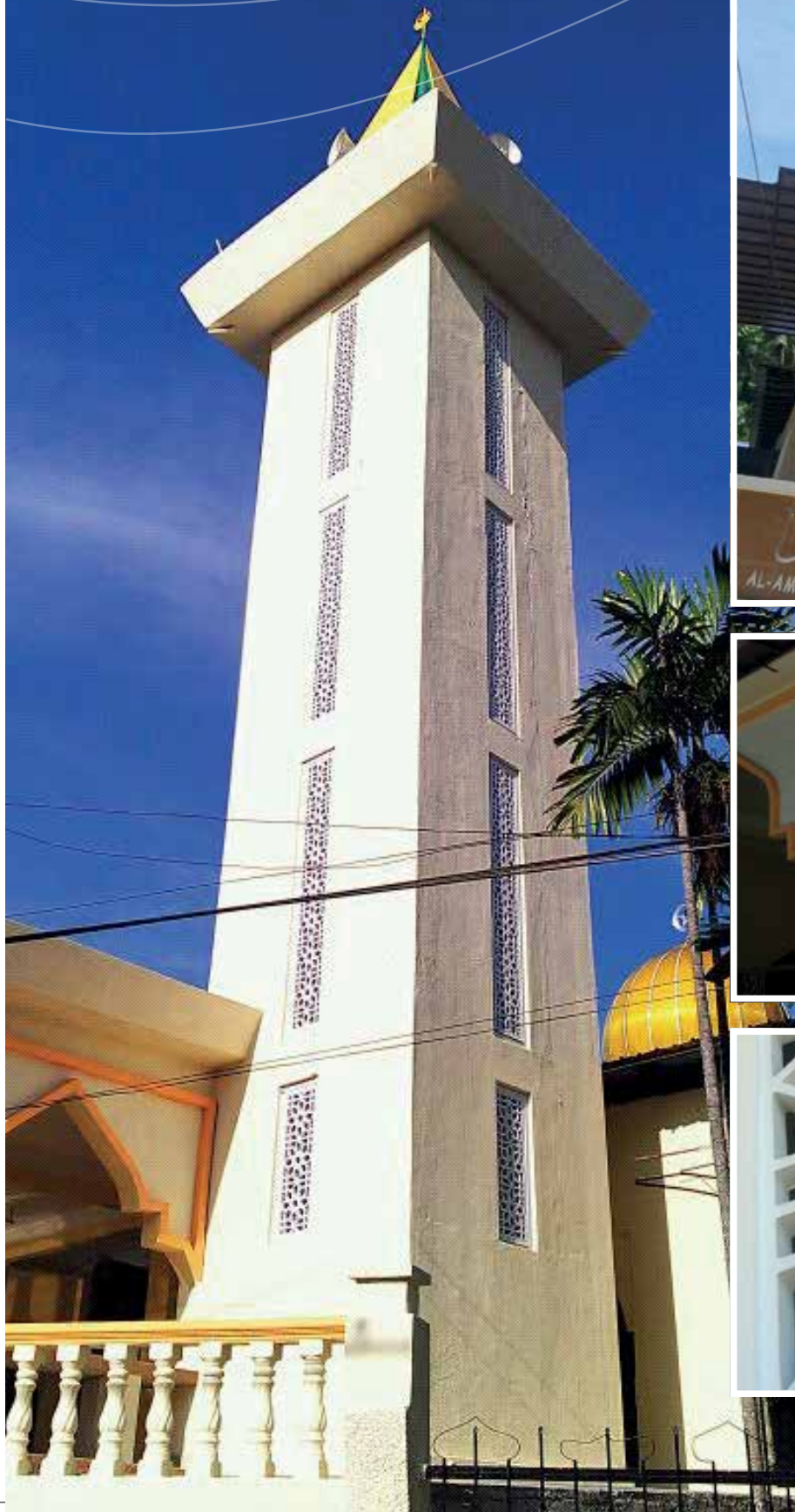
MOSQUE.

Facade CPC Islamic Motif Lattice Screen.



MOSQUE.

Facade CPC Islamic Motif Lattice Grille.



MOSQUE.

Facade CPC Islamic Motif Lattice Grille.



GOVERNMENT INSTITUTIONS.

Facade CPC Decorative Lattice Screen.



GOVERNMENT INSTITUTIONS.

Facade CPC Islamic Motif Lattice Screen.



Interior fit out.

Facade CPC Decorative Ceiling Cladding.



Interior fit out.

Facade CPC Decorative Ceiling Cladding.



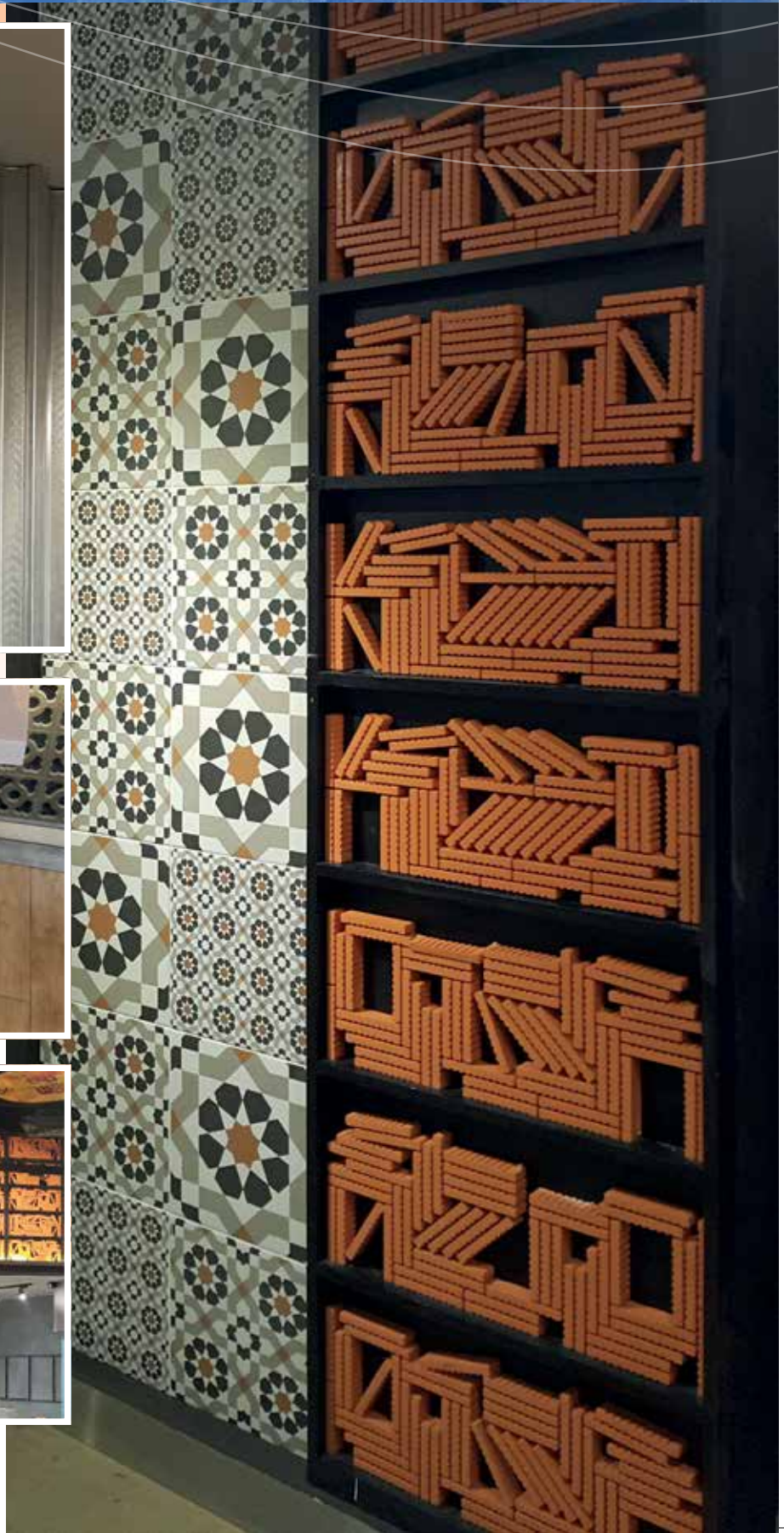
Interior fit out.

Facade CPC Decorative Fins Cladding.



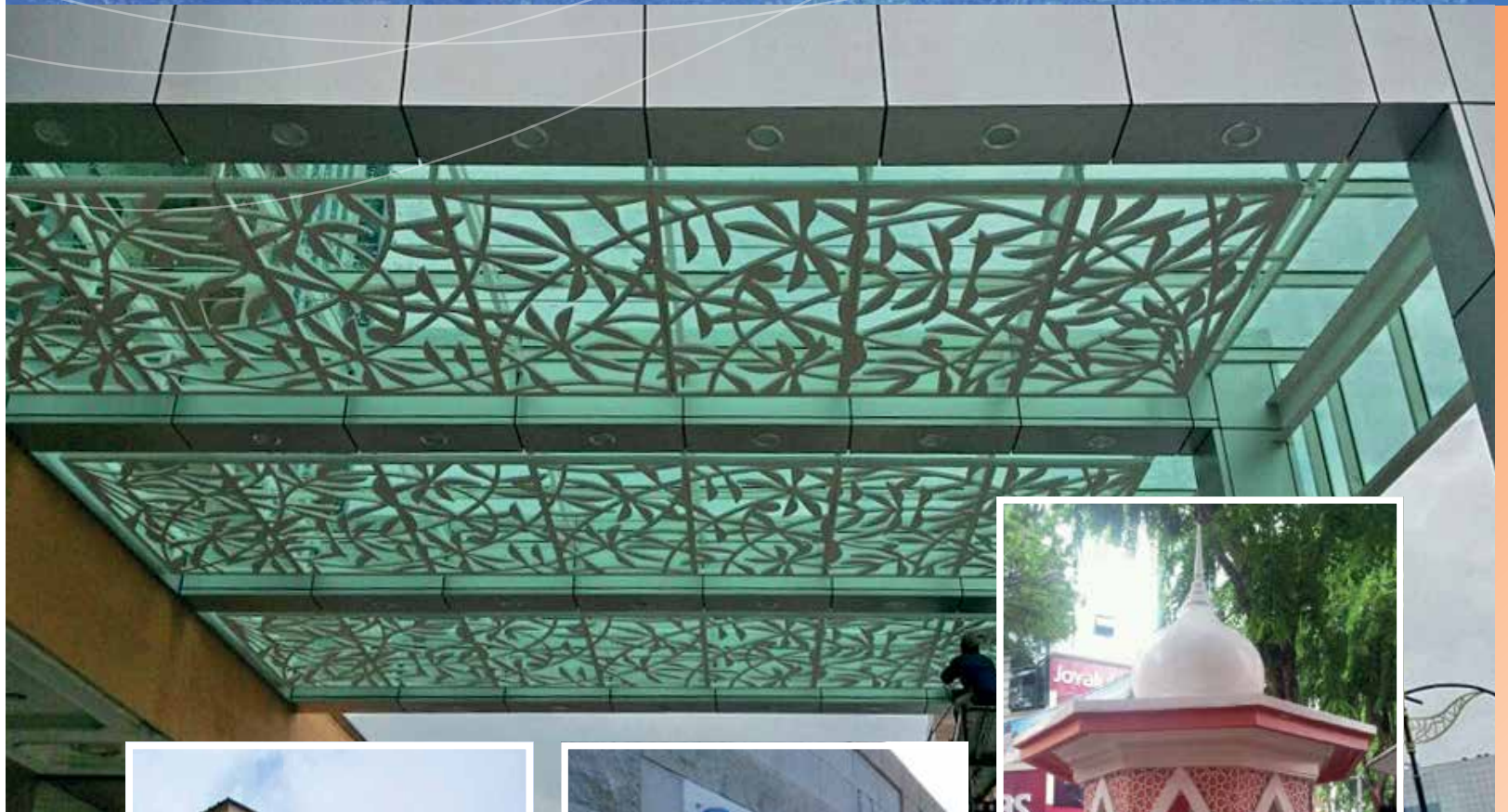
Interior fit out.

Facade CPC Customised Props Cladding.



Miscellaneous.

Facade CPC Past Projects.



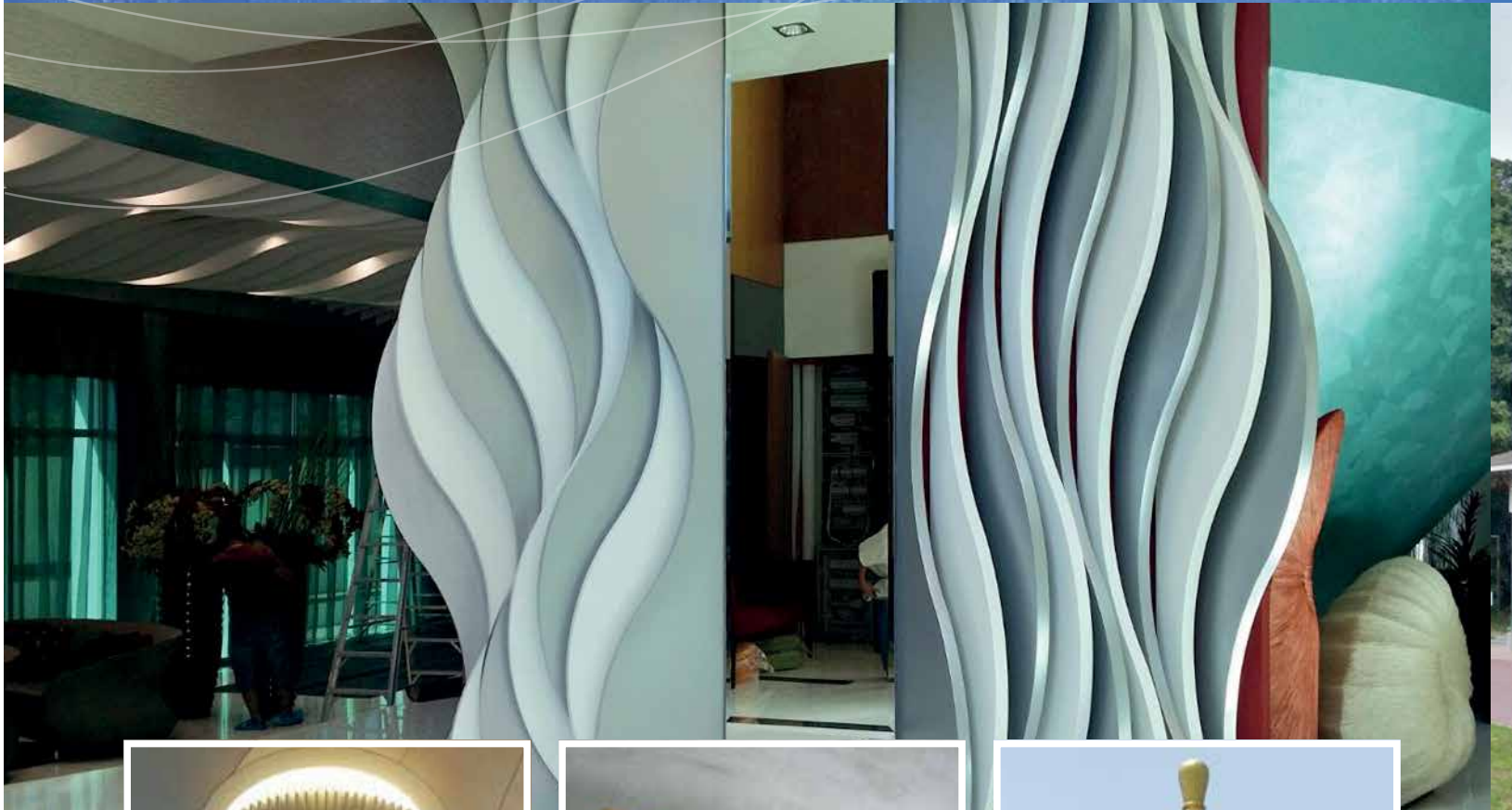
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