

LET YOUR DESIGNS

DEFINE YOUR VISION



Curtain wall



# CONTACT



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## Fabrication Capacity

Types	Annual Capacity	Productions Lines
Unitised Curtain Wall	200,000 sqm	4
Stick Curtain Wall	300,000 sqm	4
Windows & Doors	300,000 sqm	6

## Fabrication Facilities

Item	Facilities	Manufacturer	Covering Size(mm)	Quantity
1	CNC Four-axis Machining Center	Emmegi, Italy	11300*2350*2550	2
2	CNC Four-axis Machining Center	Fom-Italy	8500*1770*2840	1
3	CNC Three-axis Machining Center	Fom-Italy	8500*1770*2840	1
4	CNC Three-axis Machining Center	HAffNER, Germany	6600*2600*2600	1
5	CNC Four-axis Machining Center	HAffNER, Germany	6600*2600*2600	1
6	CNC Four-axis Machining Center	King Tool, China	8600*2000*2300	1
7	CNC Three-axis Machining Center	King Tool, China	6600*2600*2600	1
8	Double-head Saw	Emmegi, Italy	6800*1500*2400	2
9	Double-head Saw	Emmegi, Italy	6800*1500*2400	2
10	Double-head Saw	King Tool, China	6250*1750*1990	1
11	Double-head Saw	King Tool, China	6250*1750*1990	1
12	Double-head Saw	HAffNER, Germany	6350*1450*1650	2
13	Double-head Saw	HAffNER, Germany	6350*1450*1650	2
14	Single-head Saw	Makita, Japan	530*476*532	12
15	Single-head Saw	King Tool, China		1
16	Dual-component Gluing Machine	Delta, China	1100*9500*1630	3
17	Windows Angle Machine	Tenson, China	1850*1680*1210	10
18	Manual Overhead Crane	Dingsheng, China		4
19	Electric Overhead Crane	Dingsheng, China		3

MANUFACTURING FACILITIES  
QUALITY CONTROL  
UNITIZED CURTAIN WALL  
STICK CURTAIN WALL  
SPIDER CURTAIN WALL  
WINDOWS & DOORS  
BIM DESIGN  
PROJECTS DOMESTIC  
PROJECTS OVERSEAS  
PROJECTS IN AUSTRALIA



# FABRICATION OF CURTAIN WALL





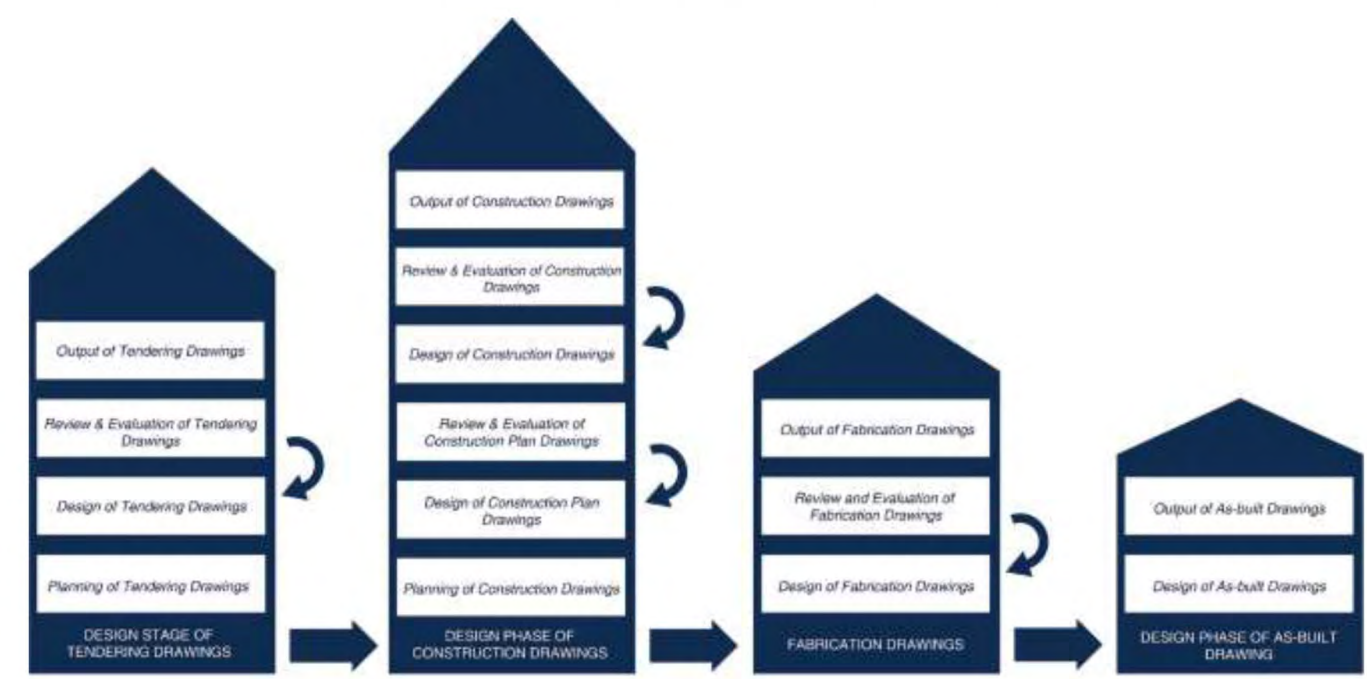
# FABRICATION OF WINDOWS AND DOORS



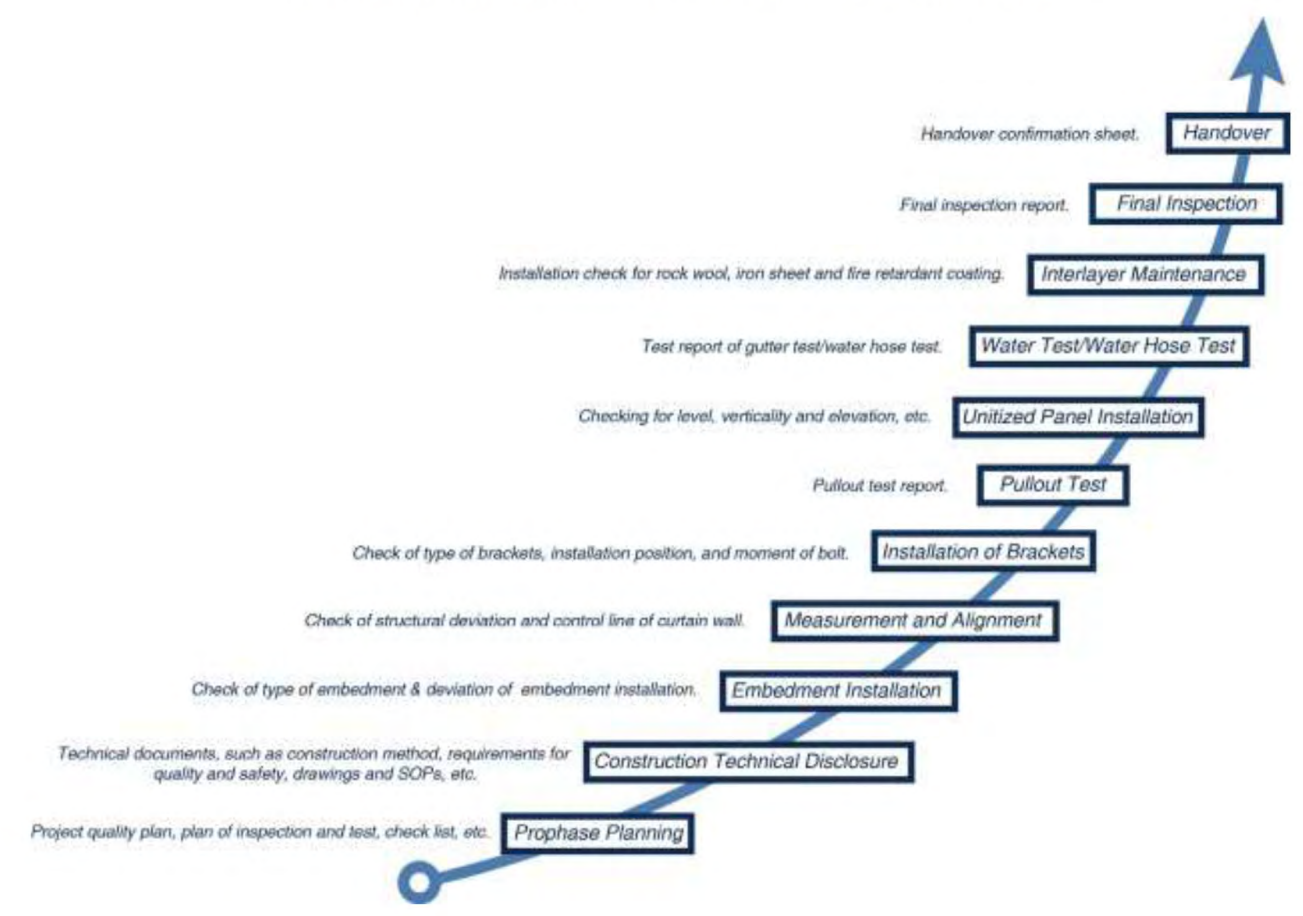


# QUALITY CONTROL

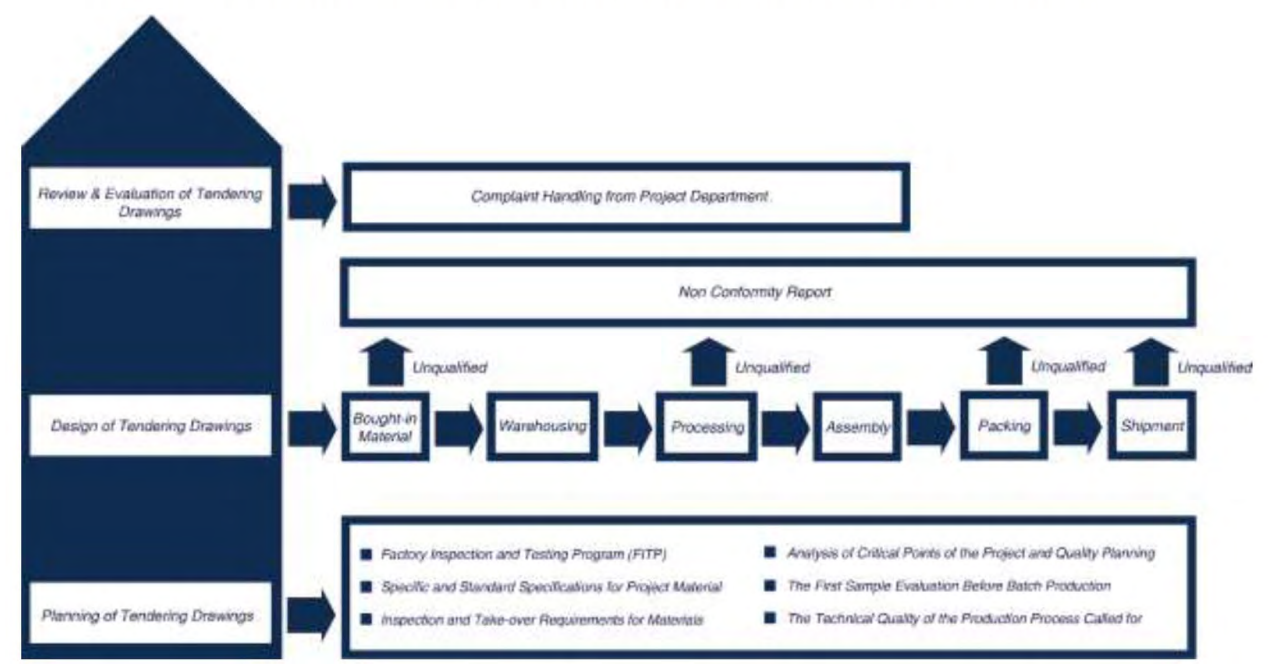
DESIGN QUALITY CONTROL PROCESSES



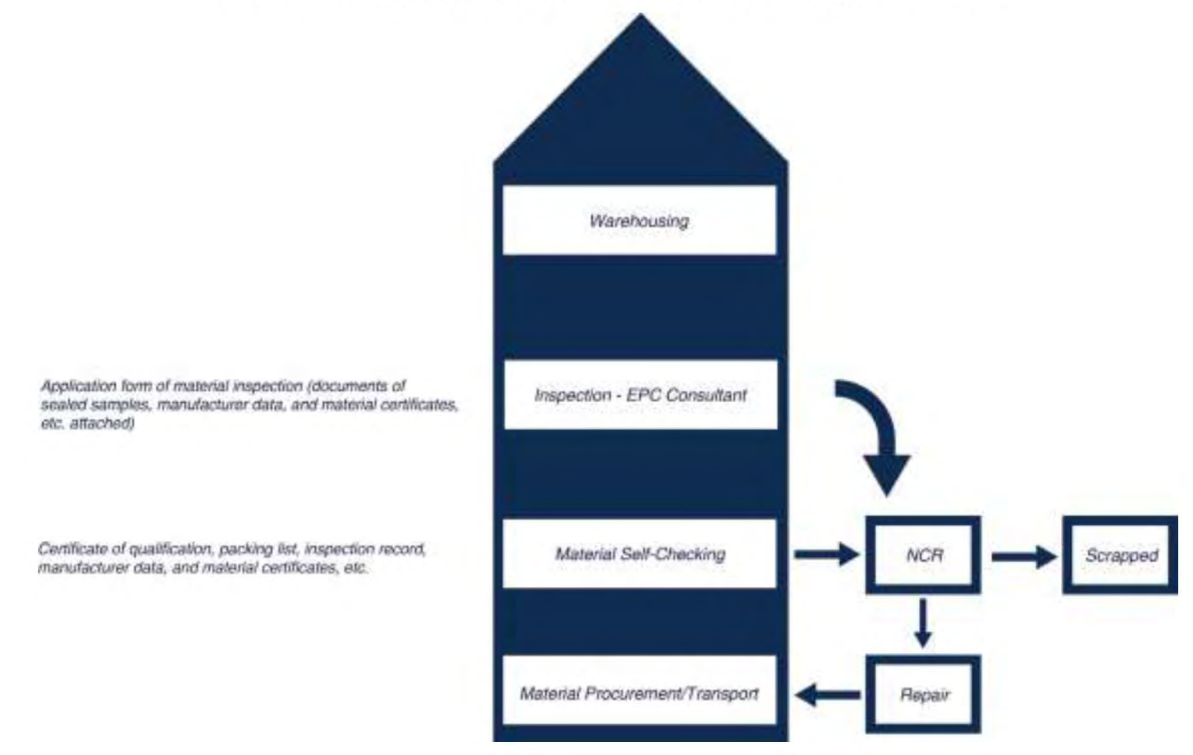
UNITIZED PANEL QUALITY CONTROL PROCESSES



QUALITY CONTROL OF SPECIFIC OPERATIONAL PROCEDURES



MATERIAL QUALITY CONTROL PROCESS AT SITE





## ALUMINIUM PROFILES INCOMING INSPECTION



Dimensional inspection



Thickness inspection



Angle inspection



Hardness inspection



Camber inspection



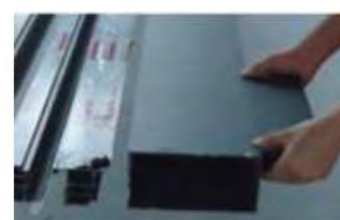
Film thickness inspection



Adhesion inspection



Gloss inspection



Color matching

## MACHINING QUALITY CONTROL



Check material type



Check the cutting angle



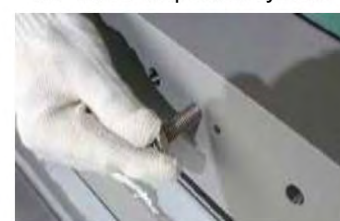
Strict implementation of the "three inspection system"



Check the connection with transom and mullion



Check pore size



Check tooth hole quality

## ASSEMBLY QUALITY CONTROL



Cleaning



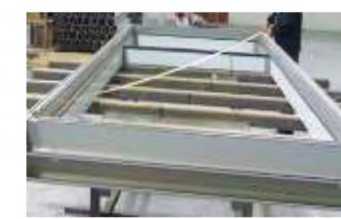
Sealing



Nailing with sealant



Check the height difference



Check the dimension



Check the gap

## STRUCTURAL SILICONE QUALITY CONTROL



Butterfly test



Snap test



Deglazing test



Double-cloth cleaning



Spreading primer



Pouring structural silicone fully

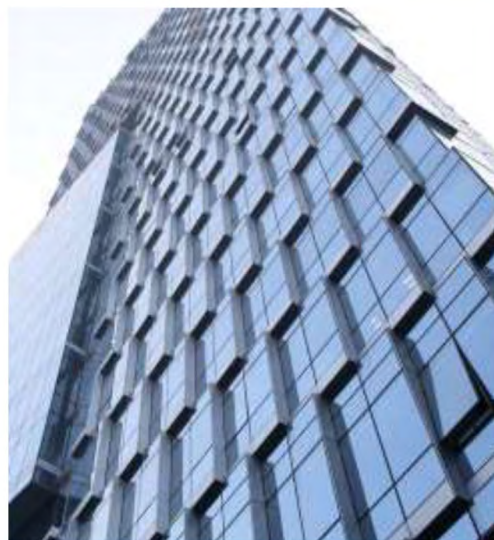
## PACKAGING & SHIPMENT





# UNITIZED CURTAIN WALL

Unitized curtain wall is an outer maintenance system for high-grade buildings that matches the international trend of the industry. It features standardized design and informationalized procedures. The production and processing is all finished in factories and properly follows processes, and the on-site installation is conducted by machinery. Unitized system is the most mature and popular system among SKARB products.



# STICK CURTAIN WALL



SKARB curtain wall is another widely used external protection system. Nowadays, SKARB has the most mature technology and the best construction capabilities. Stick curtain wall is a frame supported curtain wall, for which mullions, transoms, and panels are installed on site in a proper order. The glass panel can be integrated with sub-frame on plant and then fix into the aluminum frame consisting of mullions and transoms on site.





# SPIDER CURTAIN WALL



This type of curtain wall consists of glass panels, the spider curtain wall units and the supporting structures, which is further classified into the following categories:

- Steel Truss Type
- Glass Fin Type
- Tension Truss (with rods) Type
- Tension Truss (with cables) Type
- Self-balancing Cable Truss Type
- Single-layer Cable Net Type



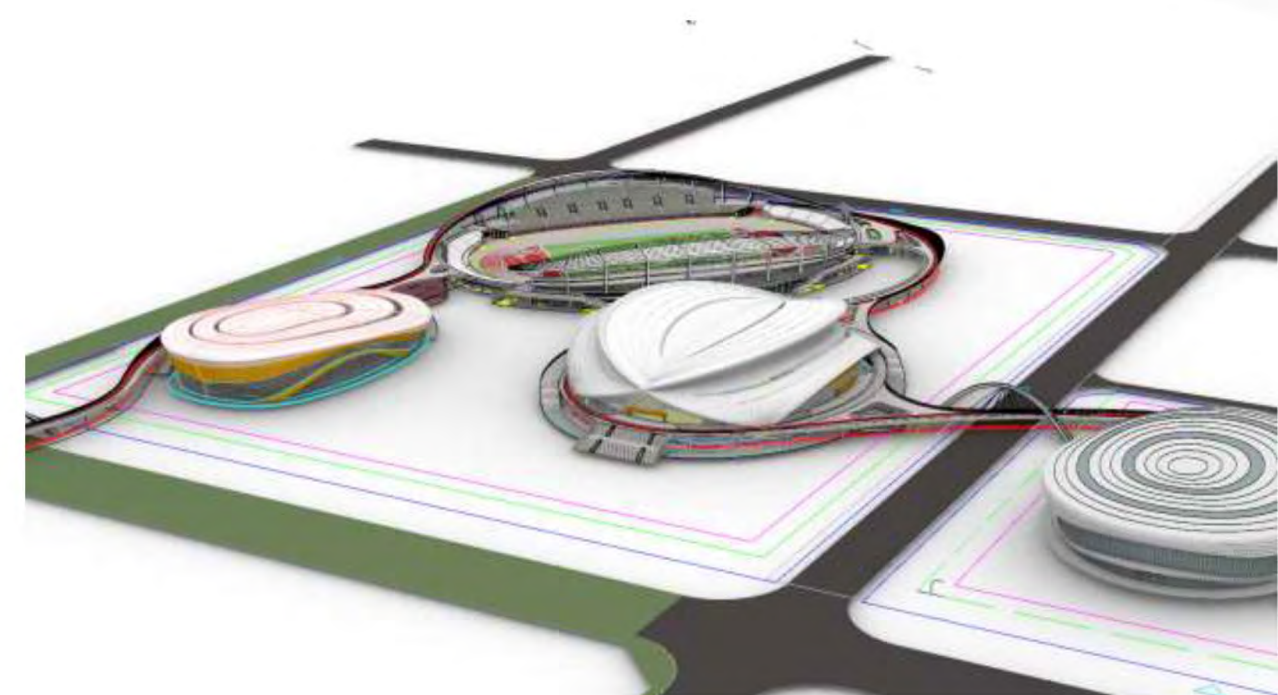
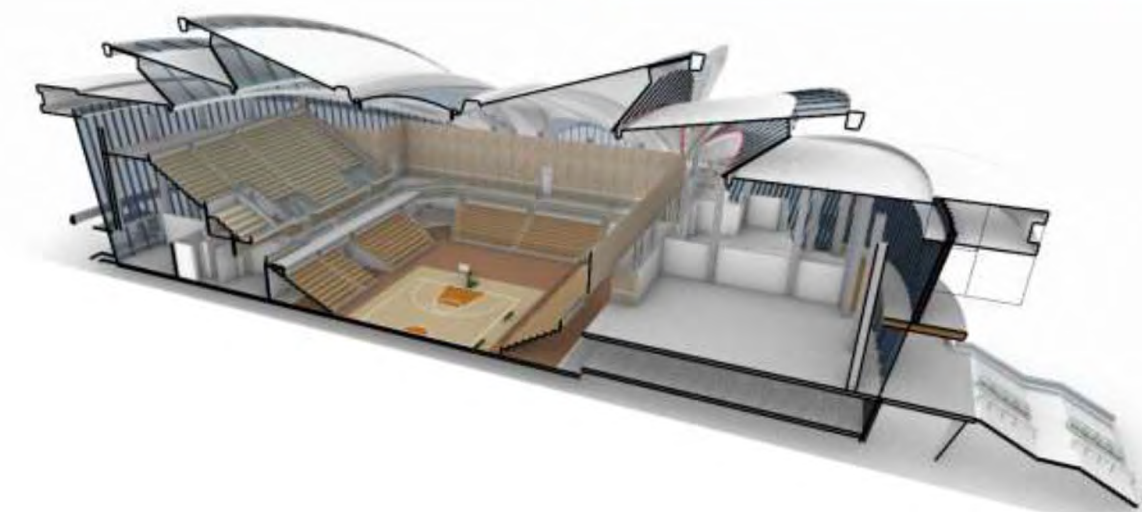
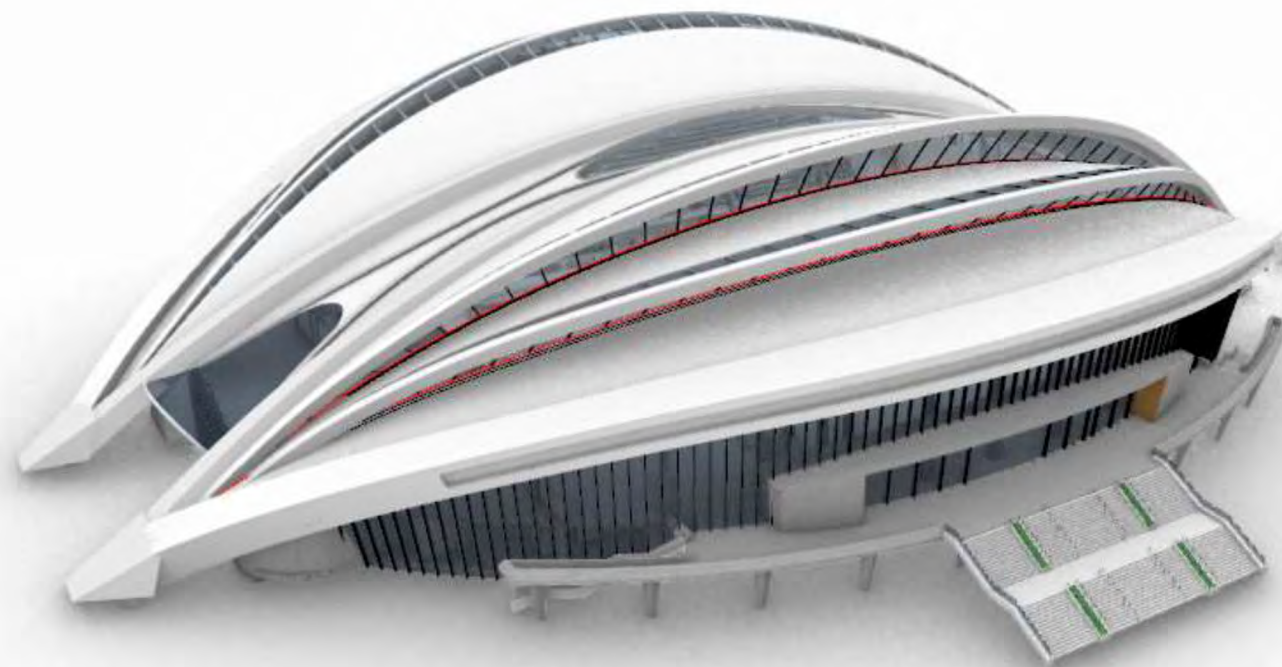
# WINDOWS & DOORS



Windows and doors are an important part of a building, and with the functions of enclosure, lighting, ventilation and sound insulation, they represent the architect's last touch of a perfect work. Currently, SKARB owns 3 major series, 25 varieties of doors and windows, including double-layer doors and windows, and ventilation window etc.







# BIM DESIGN

SKARB design team use Rhino software for the overall modeling of various projects, accurately complete the model modeling of each accuracy (LODI .O—L OD5,O), and cooperate with various BIM (Revit, Tekla, etc,) for model integration, model comparison, data exchange and other work.

Experiences in modeling and design of the whole process of the project (including design stage, audit stage, processing stage, construction stage, etc.).

Experiences in modeling and parametric design of large-scale urban public building projects;

Experiences in on-site modeling and auxiliary construction, material extraction and construction guidance for special-shaped stadium buildings;



# PROJECTS IN ASIA

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# QINGDAO KAIFENG SQUARE

Qingdao, China  
Stick Curtain Wall  
12,000 sqm





# QINGDAO ENTREPRENEURSHIP CENTER

Qingdao, China

Unitized Curtain Wall

16,000 sqm





# HISENSE INTERNATIONAL CENTER

Qingdao, China  
Unitized Curtain Wall  
14,500 sqm





# QINGDAO ACADEMICIAN HARBOR

Qingdao, China

Unitized Curtain Wall & Stick Curtain Wall

50,700 sqm





# JINAN HUARUN CENTER MIXC

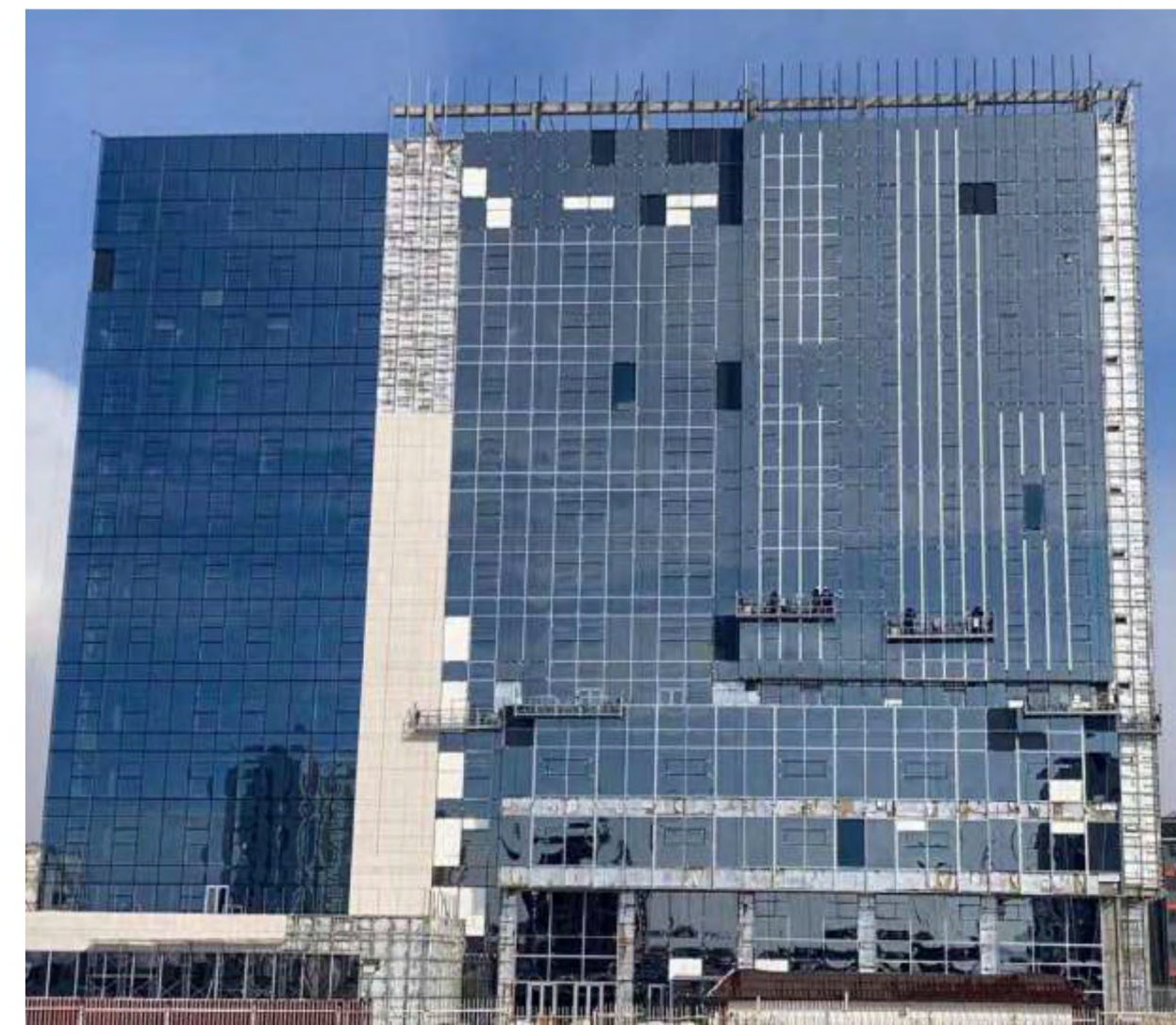
Jinan, China  
Unitized Curtain Wall  
38,877 sqm





# UB CITY CENTER

Ulan Bator, Mongolia  
Stick Curtain Wall  
11,000 sqm





# ETO OFFICE PLAZA

Dili, East Timor  
Stick Curtain Wall  
6,000 sqm





# PROJECTS IN AUSTRALIA

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# EAST END STAGE 2

Newcastle, Australia

Aluminium Windows & Doors

3,820 sqm





# CAMPBELLTOWN

Campbell, Australia  
Aluminium Windows & Doors  
2,974 sqm





# NOVITA

Adelaide, Australia

Stick Curtain Wall

2,000 sqm







# FESTIVAL SQUARE PODIUM

Adelaide, Australia

Unitized Curtain Wall

3,000 sqm





# PROJECTS IN USA

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# 633 S. LASALLE

Chicago, USA

Aluminium Windows & Doors

7,200 sqm



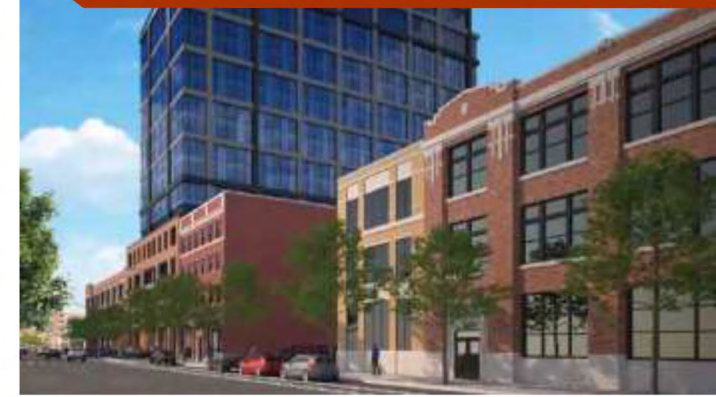


# 1217W. WASHINGTON

Chicago, USA

Aluminium Windows & Doors

16,000 sqm





# We committed to better facade

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