



New Test Tower 177m

11 shafts

Max speed: 10m/s 1600kg

Double Deck: 6m/s 1350kg + 1350kg



48,506 M²

ELEVATOR WORKSHOP

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NongHyup, South Korea



Thosapolland Building, Thailand



Russia and CIS

Linkom, Vladivostok, Russia



The ministry of fisheries wealth, Muscat, Oman



Obeikan Mall, Taif, Saudi Arabia



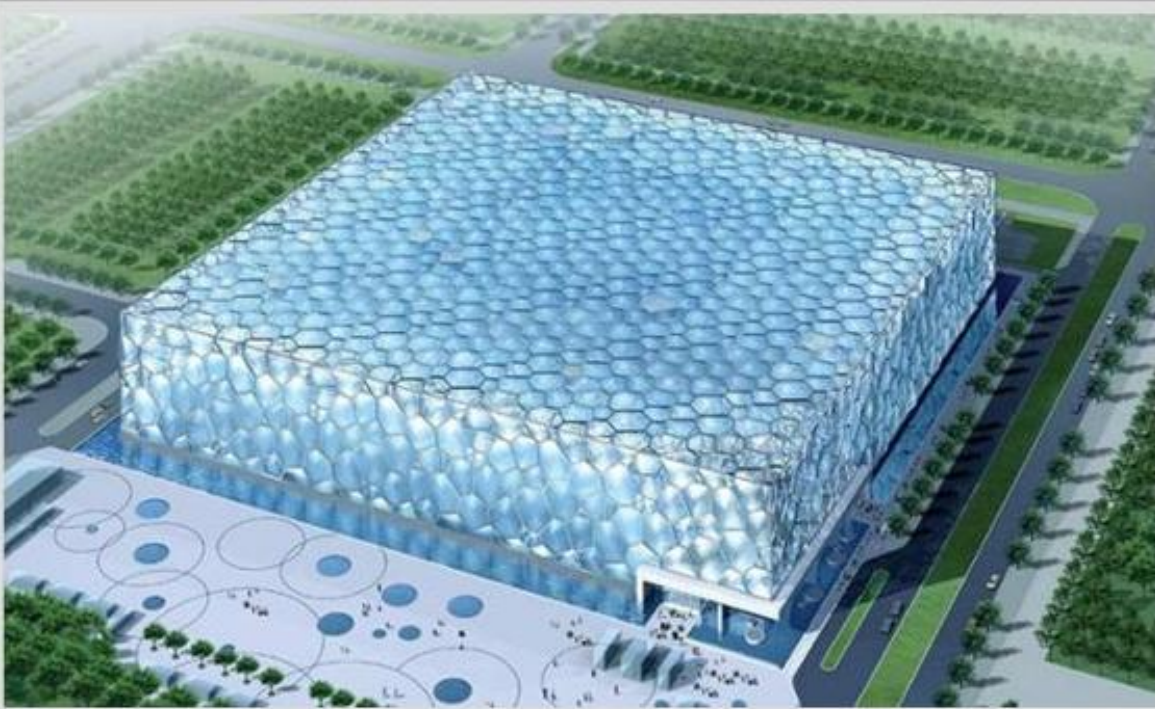
Jaipur Marriott, Jaipur, India

VSGD, Irkutsk, Russia



Cienco577, Ho Chiminh City, Vietnam





2008 Beijing National Olympic Swimming Center “water cube”



2008 Beijing Olympic project national palestra “bird’s nest”



Hu Jintao, President of China



Wen Jiabao, Prime Minister of China



Xi Jinping, Vice President of China



Li Keqiang, Vice Prime Minister



Jia Qinglin, Chairman of CPPCC of China



**The Rt Hon John Prescott,
Deputy Prime Minister of
UK**



**Bouasone Bouphavanh,
Prime Minister of Laos**

**Xi,Jinping, president of China and Communist Party chief inspect
Shenyang YUANDA Enterprise Group and Brilliant Elevator Company.**

**Xi,Jinping highly praised YUANDA "Going Abroad" strength and
Entrepreneur's Consciousness**



August 30-2013, President Xi Jinping, accompanied by Liaoning Provincial Secretary Wang min and Liaoning Governor Chen Zhengcao, inspected the workshop of Shenyang Brilliant Elevator YUANDA Group. During his visit, the produce and sales ability of Construction Curtain Wall, Elevator and Escalator and Electronic Power, as well as "Creation leads Development" Enterprise Strategy have been deeply acknowledged.

Since being reported by Chairman of YUANDA Group, Kang baohua, about development of the Enterprise, knowing that BLT's products sales cover 138 countries, Mr.Xi praised BLT's action on overseas marketing sales and service.

At the manufacture and model exhibition Zone, President Xi was very interested in CAP1400 coolant pump frequency control system which is fully designed by YUANDA GROUP gaining "Special Sub-topic of National Science and Technology projects for large-scale advanced pressurized water reactor nuclear power plant". He especially asked the details about this technology's development and marketing application from National Science and Technology Party Secretary, Administrative vice minister Wang Zhigang. In front of BLT Integration model exhibition, President Xi stopped, picked up and inspected a main controller model. The MPK908 Intelligent control system is independent designed by BLT, meanwhile, its Pressure, surge absorber, wide hysteresis switch input circuit, output circuit bipolar switch, and signal quality evaluation circuit programming gained patented design. Being known the core techniques are all developed by YUANDA itself who insist strategic development of "Independent intellectual property rights, Independent Brand, Independent marketing sales network", Xi Jinping fully affirmed this development mode.

President Xi, is highly concerned on the produce and living condition of the workers. During the conversation among YUANDA staffs, he known that YUANDA constructed "YUANDA Jiayuan" as welfare apartment for their staffs and encourage this pattern. President Xi also affirmed YUANDA use more than 100 million's RMB in order to support on local armed forces of PLA, poor students and elderly people as community activities.

Before President Xi leaving, he shook hands with YUANDA Chairman Kang baohua, said "your consciousness is amazing" and his highly affirmation provides YUANDA great power and confidence. The Chairman of YUANDA group, Kang baohua express his conception that YUANDA group will follow the indication of President Xi's Shenyang Inspection and insist on the routes of creation of techniques, brands, exploring new market, developing further and lead trend. YUANDA group will contribute itself continuously to the achievement of Chinese Dream.



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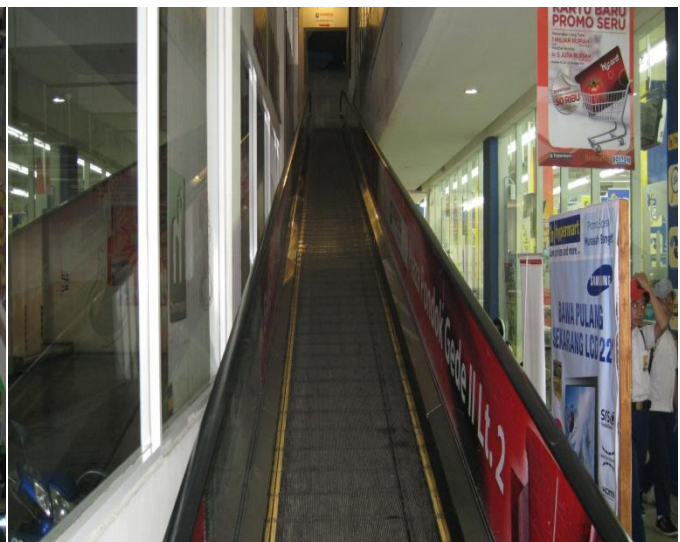
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RED DOT HOTEL

by HORIZON



PLAZA PONDOK GEDE JAKARTA

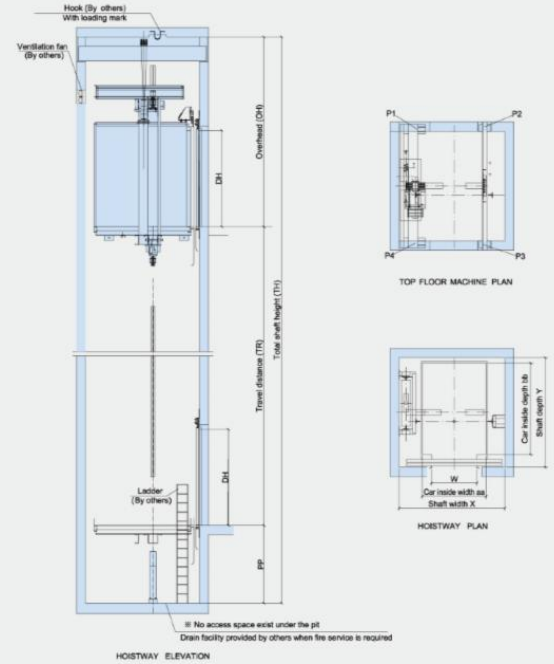


INTRODUCTION

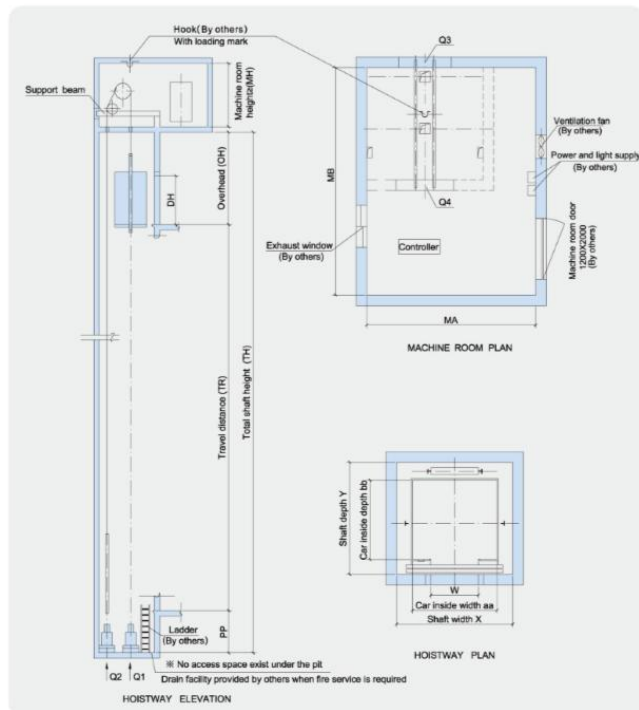
BLT MRL elevator, which completely removes the requirement for a machine room on the top of shaft, improves the utilization for building space, reduces the cost of energy and construction materials. With the adoption of extremely thin permanent magnet synchronous gearless traction machine, all components are in the shaft to make the building appearance more harmonious.



WELL MACHINE ROOM PLAN



WELL MACHINE ROOM PLAN



QS TECHNICAL DATA

Rated Load (kg)	Rated Speed (m/s)	Door Opening Dimension (mm)	Car Dimension (mm)	Shaft Dimension (mm)	Machine Room Dimension (mm)	Overhead Height (mm)	Pit Depth (mm)	Reaction (N)			
								Q1	Q2	Q3	Q4
450	1.0		1400×800	1850×1450	2500×3000×2000	3000	1350				
	1.5	800×2100	1800×1300	1850×1550	2500×3000×2500	3000	1400	60000	55000	48000	33000
	1.75					4200	1450				
630	1.0		1400×1100	1850×1700	2500×3700×2500	4100	1400				
	1.5	800×2100	1400×1300	1850×1950	2500×4000×2500	4100	1450	75000	68000	48000	33000
	1.75					4100	1450				
800	1.0		1400×1300	1850×1950	2500×4000×2500	4200	1350				
	1.5	800×2100	1400×1300	1850×1950	2500×4000×2500	4100	1400	78000	68000	58000	36000
	1.75					4100	1450				
1000	1.0		1600×1300	2100×1950	2700×4000×2500	4200	1350				
	1.5	900×2100	1600×1400	2100×2000	2700×4000×2500	4100	1400	90000	70000	60000	40000
	1.75		1600×1500	2100×2100	2700×4000×2500	4100	1450				

SERIES PRODUCTS

SATISFYING THE INDIVIDUAL DEMANDS OF OUR CUSTOMERS



K012 Luxury Car

Car ceiling	PD044, Hairline stainless steel frame White acrylic panels with trim
Car wall	Hairline stainless steel Mirror etched stainless steel (TN-001)
Car Control Panel	Integrated control panel CBG310
Horizontal Display	Interior LCD horizontal display
Car Door	Corresponding door
Floor	SJ-017
Handrail	BLT-H005



K001

Car ceiling	PD007, Mirror finished stainless steel
Car wall	Mirror finished stainless steel, etched finished stainless steel (MSK-001)
Car door	Mirror finished stainless steel
Sill	Hard aluminum alloy
Ventilation fan	Axial flow fan
Floor	Marble with designs DLS-012



K002

Car ceiling	PD006, Hairline finished stainless steel
Car wall	Mirror finished stainless steel, Hairline finished stainless steel
Car door	Mirror finished stainless steel
Sill	Hard aluminum alloy
Ventilation fan	Axial flow fan
Floor	Marble with designs DLS-013



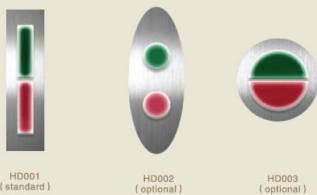
K003

Car ceiling	PD015, Mirror finished stainless steel
Car wall	Mirror finished stainless steel, etched finished stainless steel (MSK-001, MSK-004)
Car door	Mirror finished stainless steel
Sill	Hard aluminum alloy
Ventilation fan	Axial flow fan
Floor	Plastic SJ-002A

HANDRAIL DESIGN



GROUP CONTROL DESIGN



Landing Call
hairline finished stainless steel HB306

Landing Lantern
hairline finished stainless steel HD001



Narrow door jamb (standard)



Wide door jamb (optional)



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ESCALATOR WORKSHOP

24,253M²

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THE SQUARE

Frankfurt am Main, Germany



Heathrow Airport T2

Air Rail Center, Frankfurt, Germany



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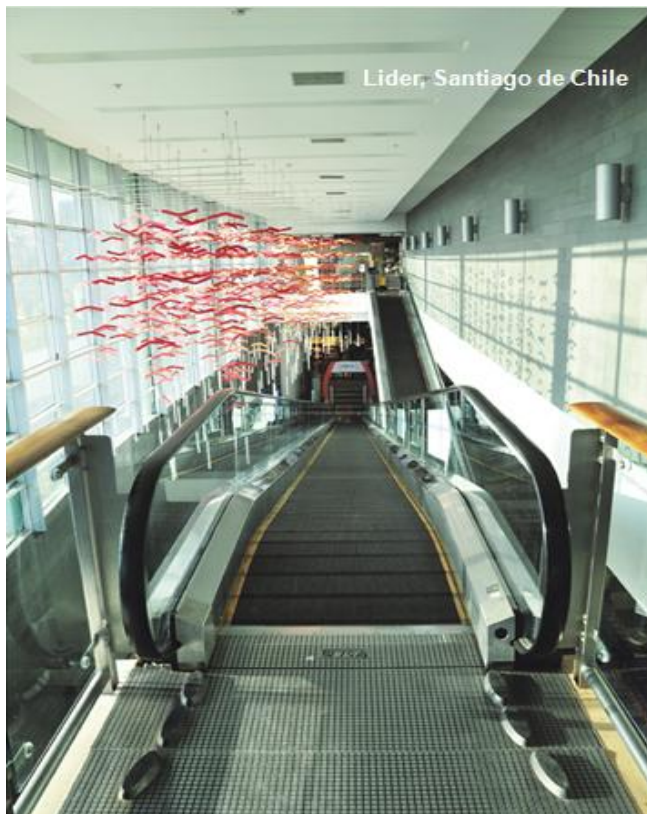
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JJB Sports Center, Birmingham, UK



Lider, Santiago de Chile



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EVKUR Chain Shopping Mall Istanbul, Turkey



ELECTRO-

MECHANICAL DEVICE

Standard Function

1. Emergency stop switch
In case of emergency, push this button to stop the escalator.
2. Overload protection
When overloaded, the power will be cut, and the escalator will stop.
3. Power phase failure and wrong phase protection
The escalator will stop when power phase or wrong phase fail.
4. Electromagnetic brake
To guarantee the appropriate braking distance for the safety of passengers when escalator stops.
5. Comb safety device
When object is stuck between the step and the comb plate, the escalator will stop.
6. Unintentional reversal of travel direction
When escalator changes its set travel direction, the escalator will stop.
7. Over-speed governor
When over-speed, the escalator will stop.
8. Drive chain guard
When drive chain is excessively pulled through or broken, the escalator will stop.
9. Step safety device
In abnormal conditions caused by deformation or other reasons, the escalator will stop.
10. Step yellow demarcation line
A sign indicating the safe location where the passengers shall stand.
11. Skirt panel safety switch
When something is stuck between the step and skirt panel, the escalator will stop.
12. Handrail entry safety device
When something is stuck into the handrail, the escalator will stop.
13. Step chain safety device
When traction chain is excessively pulled through or broken, the escalator will stop.
14. Brake release monitoring device
Detect the brake when the master controller outputs brake release signal, escalator can not be started before brake is released.
15. Step lighting
Lighting installed at the bottom of steps of upper & lower entrance/exits in order for passengers clearly understand the operation status of steps.



Optional Function

Auxiliary brake

When drive chain broken, escalator reverse travel, or travels at the speed of 120%, the escalator will stop, it is a standard function for escalators with rise height over 6 meters or heavy-duty escalators.

Handrail speed monitoring

When handrail is broken or running in abnormal speed, the escalator will stop.

Skirt panel safety brush

Skirt panel safety brush on the skirt panel prevents unintentional contact by the passengers, minimum risk.

Step number monitoring

In case of losing step, ensure the escalator stop before it enters the comb plate.

Front cover open monitor

When the engine room cover is opened, the passenger conveyor stops, and only maintenance operation allowed.

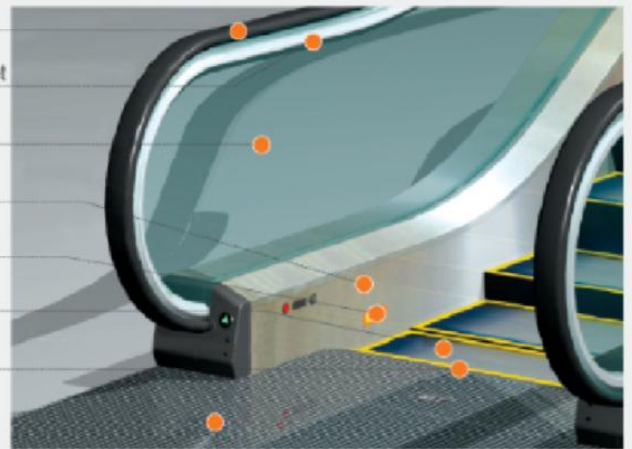
Braking distance monitoring device

When the braking distance is 20% greater than the maximum braking distance, reset the failure device to re-start.

Note: *Optional five items are standard function in EN115-1:2008



- 1 handrail
- 2 handrail bracket
- 3 handrail guard plate
- 4 skirting
- 5 comb lighting
- 6 step
- 7 comb
- 8 exterior & interior cover
- 9 entrance & exit flooring



PRODUCT SPECIFICATION

ITS RELATIVE COMPONENTS

CSP-MD (EN115:1995)	CSP-K100U (EN115-1:2008)
Rise Height: 3 – 6m (0' – 20'00")	Rise Height: 3 – 6m (0' – 20'00")
Angle of inclination: 0° – 6° / 10° / 11° / 12°	Angle of inclination: 0° – 6° / 10° / 11° / 12°
Step Width: 800/1000mm	Step Width: 800/1000mm
Rated Speed: 0.5m/s	Rated Speed: 0.5m/s
Horizontal steps: 2 at upper entrance/exit, none at lower entrance/exit (with the exception of 0)	Horizontal steps: 2 at upper entrance/exit, none at lower entrance/exit (with the exception of 0)
Theoretical Capacity: 6750/9000 (Person/hour)	Theoretical Capacity: 6750/9000 (Person/hour)
Power: 50HZ AC three-phase 380V/ Single phase 220V or according to regional requirements	Power: 50HZ AC three-phase 380V/ Single phase 220V or according to regional requirements
Traction Machine: Three-phase AC motor	Traction Machine: Three-phase AC motor
Control Mode: PLC	Control Mode: PLC
Start Operation Mode: Star Delta Start; Optional VVVF photoelectric detection start	Start Operation Mode: Star Delta Start; Optional VVVF photoelectric detection start
Handrail Guard Plate: 10mm thick enhanced safety glass; Optional vertical hairline stainless steel	Handrail Guard Plate: 10mm thick enhanced safety glass; Optional vertical hairline stainless steel
Handrail Bracket: Hairline stainless steel, Optional Anodized aluminum alloy	Handrail Bracket: Hairline stainless steel, Optional Anodized aluminum alloy
Handrail: Black synthetic rubber, Other colors available	Handrail: Black synthetic rubber, Other colors available
Interior & Exterior Cover: Hairline stainless steel	Interior & Exterior Cover: Hairline stainless steel
Skirting: Hairline stainless steel; Optional black or green triflon-coated steel	Skirting: Skirting brush; Hairline stainless steel; Optional black or green triflon-coated steel
Handrail Lighting: Optional anodized aluminum alloy handrail bracket	Handrail Lighting: Optional anodized aluminum alloy handrail bracket
Entrance & Exit Flooring: Black press stainless steel groove, Optional true color press stainless steel groove, Etched Stainless Steel	Entrance & Exit Flooring: Black press stainless steel groove, Optional true color press stainless steel groove, Etched Stainless Steel
Comb Plate: aluminum	Comb Plate: aluminum
	Braking distance monitoring device
	Step loss detection
	Front cover open monitor
	Handrail System: Handrail speed monitoring

CSP-MD I (EN115:1995)	CSP-K200U (EN115-1:2008)
Rise Height: 3 – 6m	Rise Height: 3 – 6m
Angle of inclination: 10° / 11° / 12°	Angle of inclination: 10° / 11° / 12°
Step Width: 800/1000mm	Step Width: 800/1000mm
Rated Speed: 0.5m/s	Rated Speed: 0.5m/s
Horizontal steps: 10 at upper entrance, 10 at lower entrance	Horizontal steps: 10 at upper entrance, 10 at lower entrance
Theoretical Capacity: 6750/9000 (Person/hour)	Theoretical Capacity: 6750/9000 (Person/hour)
Power: 50HZ AC three-phase 380V/ Single phase 220V or according to regional requirements	Power: 50HZ AC three-phase 380V/ Single phase 220V or according to regional requirements
Traction Machine: Three-phase AC motor	Traction Machine: Three-phase AC motor
Control Mode: PLC	Control Mode: PLC
Start Operation Mode: Star Delta Start; Optional VVVF photoelectric detection start	Start Operation Mode: Star Delta Start; Optional VVVF photoelectric detection start
Handrail Guard Plate: 10mm thick enhanced safety glass; Optional vertical hairline stainless steel	Handrail Guard Plate: 10mm thick enhanced safety glass; Optional vertical hairline stainless steel
Handrail Bracket: Hairline stainless steel, Optional Anodized aluminum alloy	Handrail Bracket: Hairline stainless steel, Optional Anodized aluminum alloy
Handrail: Black synthetic rubber, Other colors available	Handrail: Black synthetic rubber, Other colors available
Interior & Exterior Cover: Hairline stainless steel	Interior & Exterior Cover: Hairline stainless steel
Skirting: Hairline stainless steel; Optional black or green triflon-coated steel	Skirting: Skirting brush; Hairline stainless steel; Optional black or green triflon-coated steel
Handrail Lighting: Optional anodized aluminum alloy handrail bracket	Handrail Lighting: Optional anodized aluminum alloy handrail bracket
Entrance & Exit Flooring: Black press stainless steel groove, Optional true color press stainless steel groove, Etched Stainless Steel	Entrance & Exit Flooring: Black press stainless steel groove, Optional true color press stainless steel groove, Etched Stainless Steel
Comb Plate: aluminum	Comb Plate: aluminum
	Braking distance monitoring device
	Step loss detection
	Front cover open monitor
	Handrail System: Handrail speed monitoring



- 1 handrail
- 2 handrail bracket
- 3 handrail guard plate
- 4 skirting
- 5 Pallet
- 6 exterior & interior cover
- 7 comb lighting
- 8 comb
- 9 entrance & exit flooring

