



PASSENGER LIFTS

2022



Hydraulic Lifts



Traction Lifts



Lift Structures

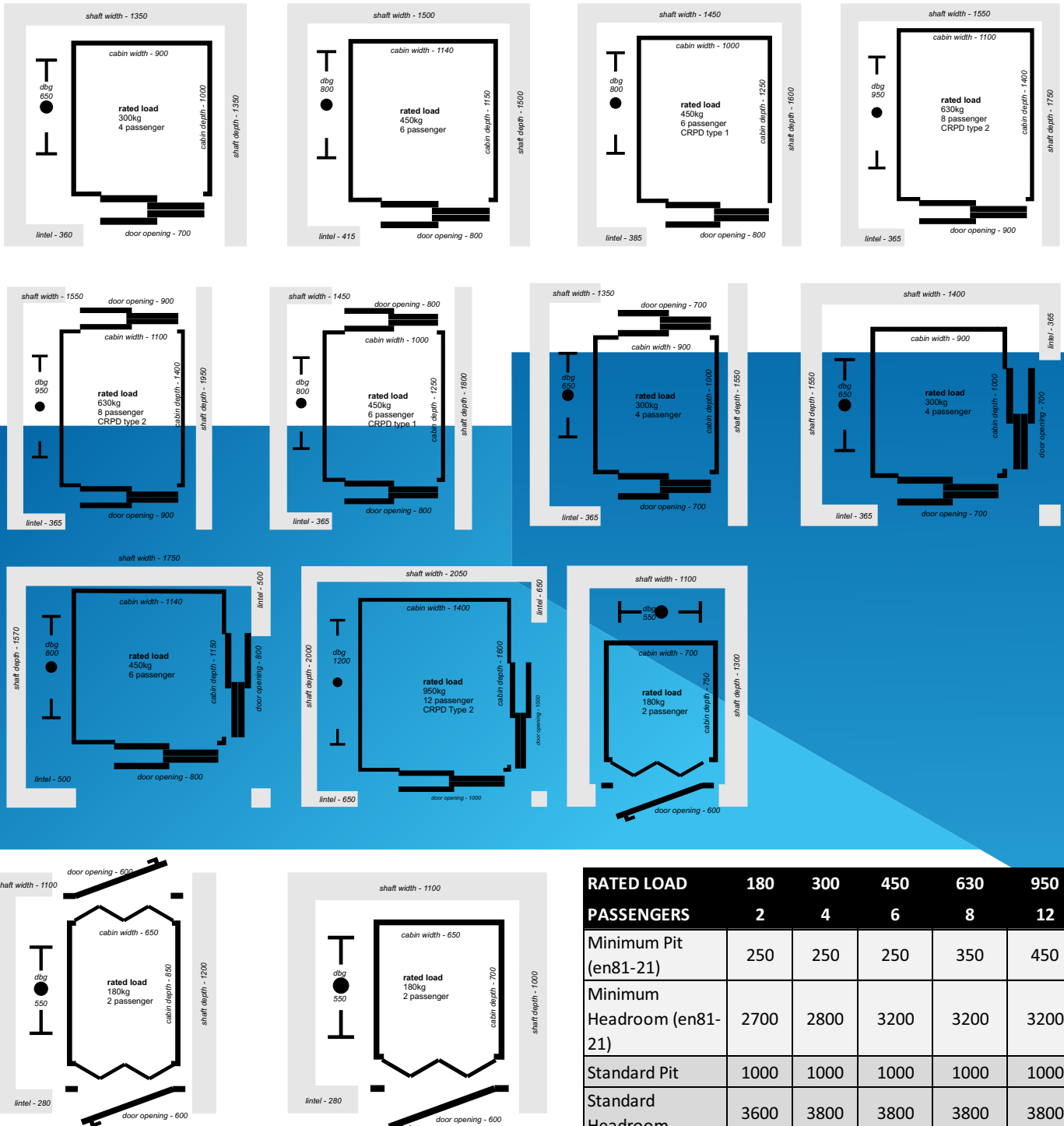


Low Pit & Headroom



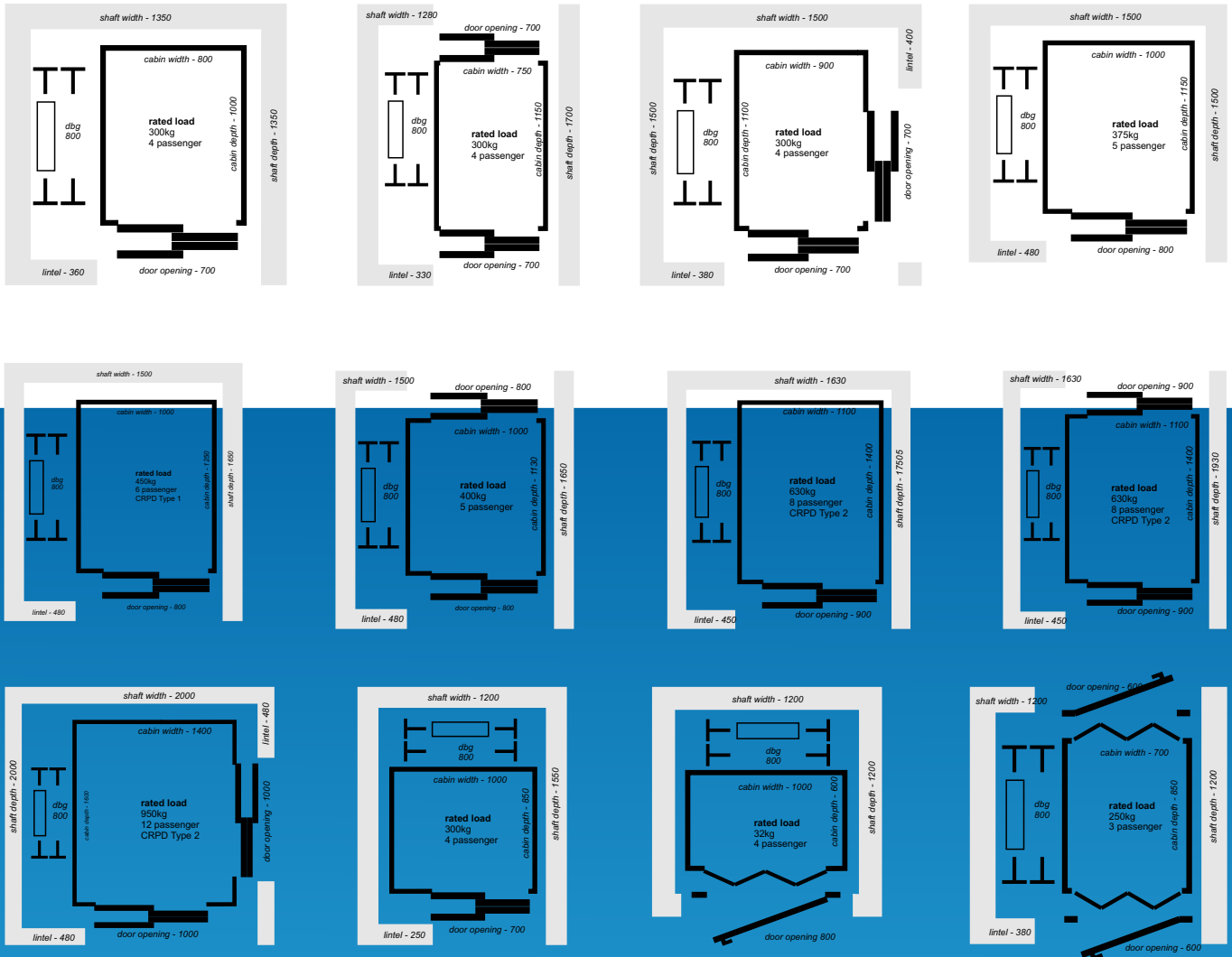
Fire Safety

Hydraulic Lifts



RATED LOAD	180	300	450	630	950
PASSENGERS	2	4	6	8	12
Minimum Pit (en81-21)	250	250	250	350	450
Minimum Headroom (en81-21)	2700	2800	3200	3200	3200
Standard Pit	1000	1000	1000	1000	1000
Standard Headroom	3600	3800	3800	3800	3800
Speed	0.63				
Max Stops	8				
Ropes	4x8mm	3x9mm	3x10mm	4x10mm	4x10mm
Drive	Indirect hydraulic 2:1 with side acting piston				
MRL Cabinet Dimensions	900x400x2100			11250x580x2100	

Traction MRL Lifts



RATED LOAD	250	300	450	630	950
PASSENGERS	3	4	6	8	12
Minimum Pit (en81-21)	450	450	450	650	650
Minimum Headroom (en81-21)	3300	3300	3300	3300	3300
Standard Pit	1200	1200	1200	1400	1400
Standard Headroom	3600	3800	3800	3800	3800
Speed	1.0m/s				
Max Stops	18				
Ropes	4x6.5mm	4x6.5mm	5x6.5mm	6x6.5mm	8x6.5mm
Drive	Gearless Motor 2:1				
Controller Cabinet Dimensions	400x260x2100				
Slimline Cabinet Dimensions	250x180x2100				

Cabin Designs



60-102

Standard Cabin 60-102

Wood Laminate Sides,
Stainless Steel Trim,
False Ceiling of Choice
Half Mirror Included, Optional Full Mirror,
Handrail Included



160-101

Cabin 160-101

Wood Laminate Sides,
Stainless Steel Trim,
False Ceiling of Choice
Half Mirror Included, Optional Full Mirror,
Handrail Included



110-101

Cabin 110-101

Brushed Stainless Steel Sides,
Mirror Finish Stainless Steel Trim,
False Ceiling of Choice
Half Mirror Included, Optional Full Mirror,
Handrail Included



90-201

Cabin 90-102

Wood Laminate Sides,
Stainless Steel Trim,
False Ceiling of Choice
Half Mirror Included, Optional Full Mirror,
Handrail Included



130-301

Cabin 130-301

Sprayed Glass Side Panels,
Stainless Steel Trim,
False Ceiling of Choice
1/3 Width, Full Length Mirror Included
Handrail Included



160-201

Cabin 160-201

Wood Laminate Sides Round Edge,
Stainless Steel Trim,
False Ceiling of Choice
Full Length Mirror,
Handrail Included



Doors



Automatic Doors
Telescopic 2 Panel Centre Opening



Automatic Doors
2 Panel Centre Opening



Automatic Doors
Telescopic 2 Panel Side Opening



Automatic Doors
Telescopic 3 Panel Side Opening



Automatic Doors
Glass with Stainless Steel Frame



Automatic Doors
Full Glass Panels



Semi-automatic Landing Door
STANDARD



Semi-automatic Landing Door
BIG VISION

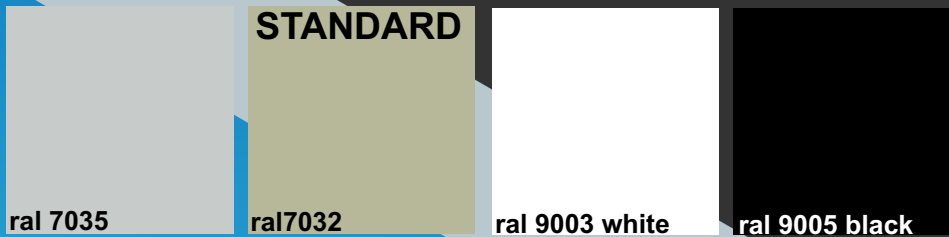


Bus Type Car Door
STANDARD

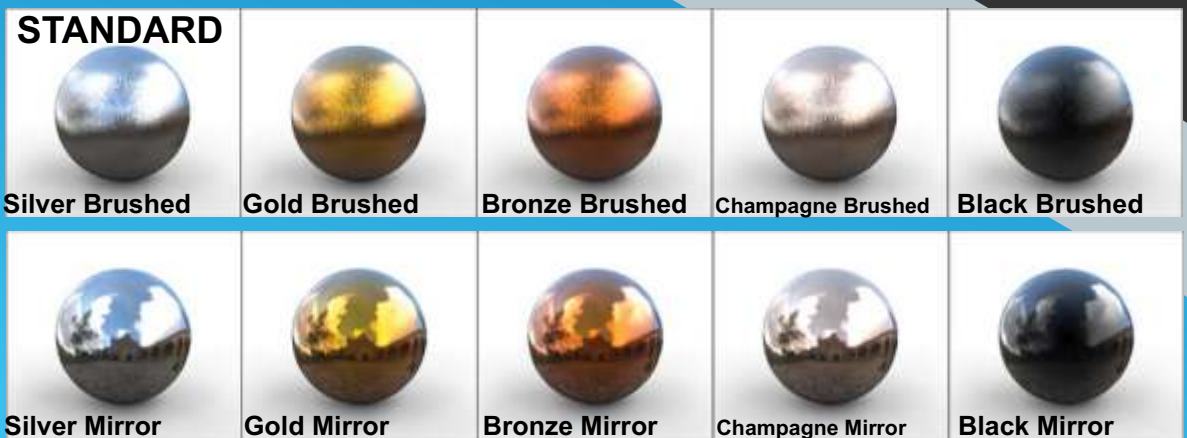


Bus Type Car Door
VISION PANELS

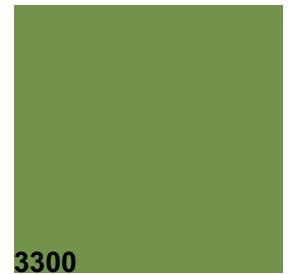
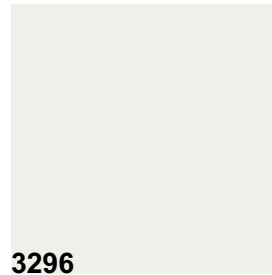
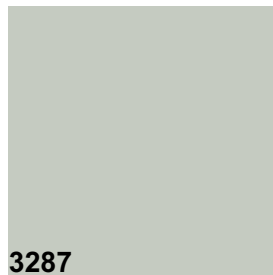
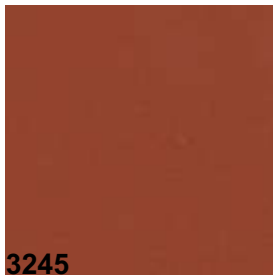
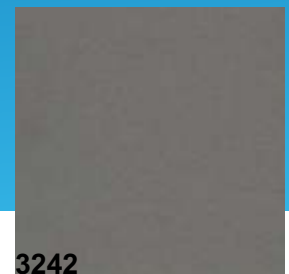
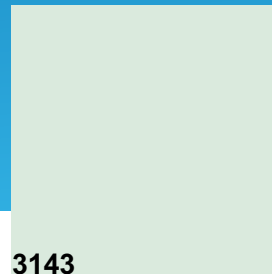
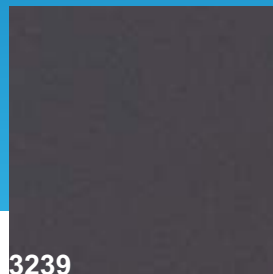
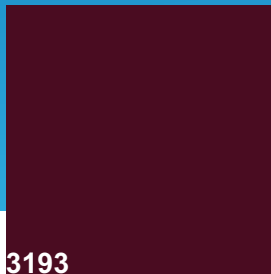
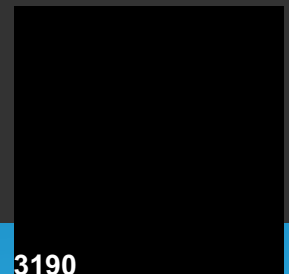
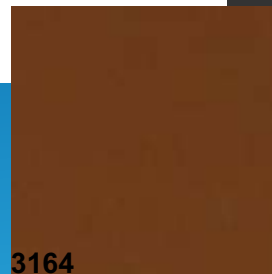
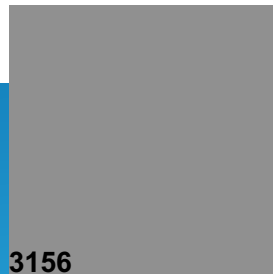
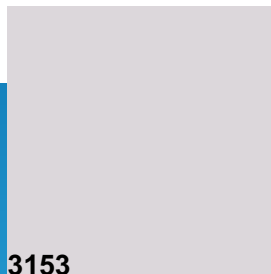
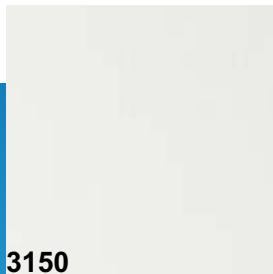
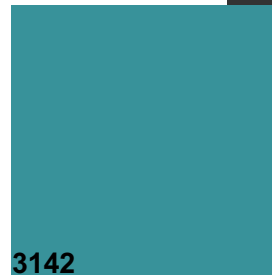
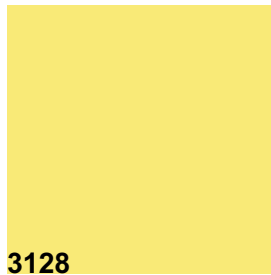
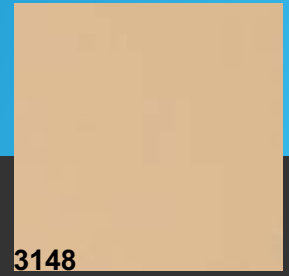
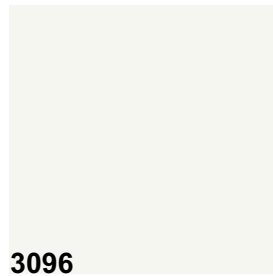
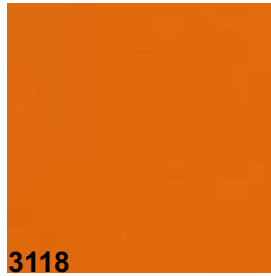
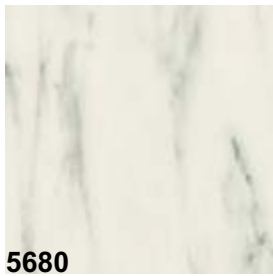
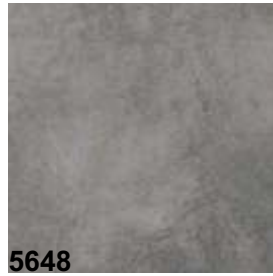
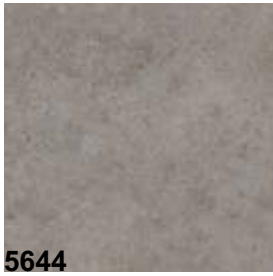
Epoxy Paint Selection



Stainless Steel Selection



Finishes





5437



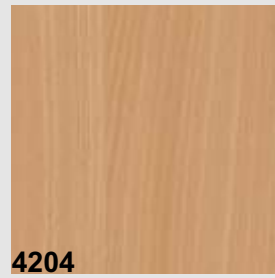
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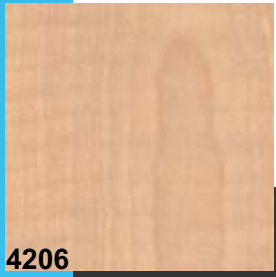
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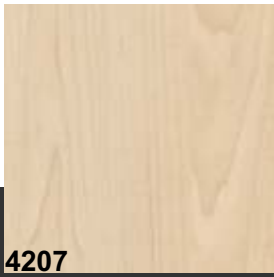
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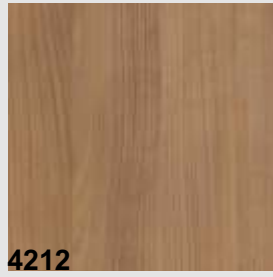
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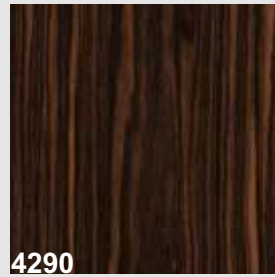
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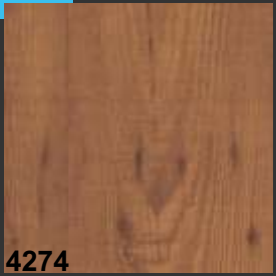
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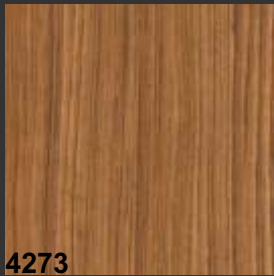
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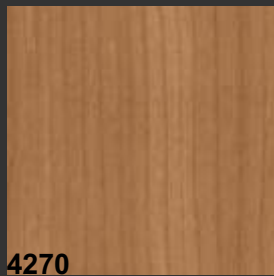
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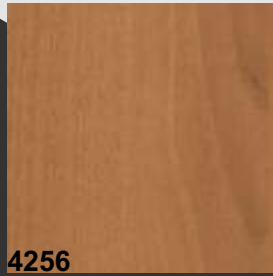
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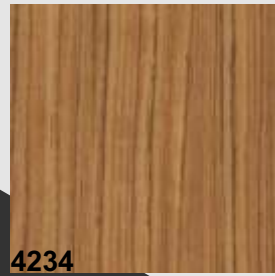
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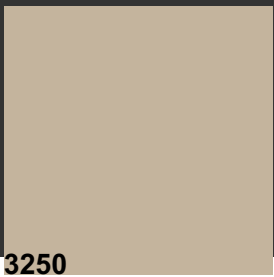
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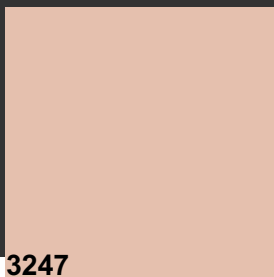
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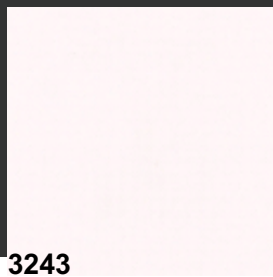
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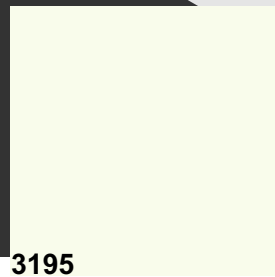
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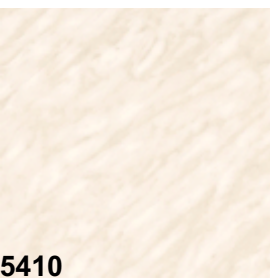
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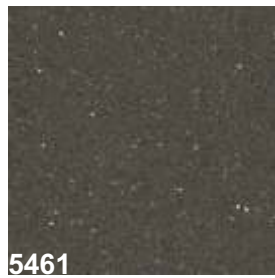
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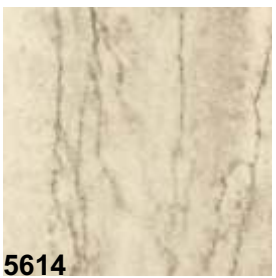
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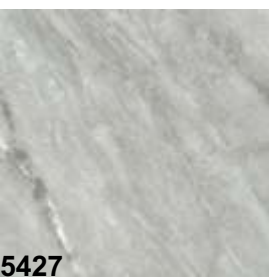
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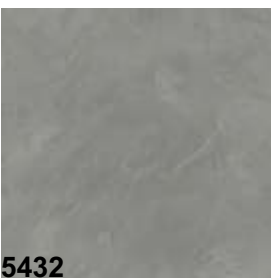
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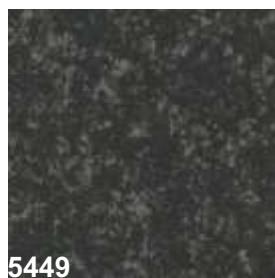
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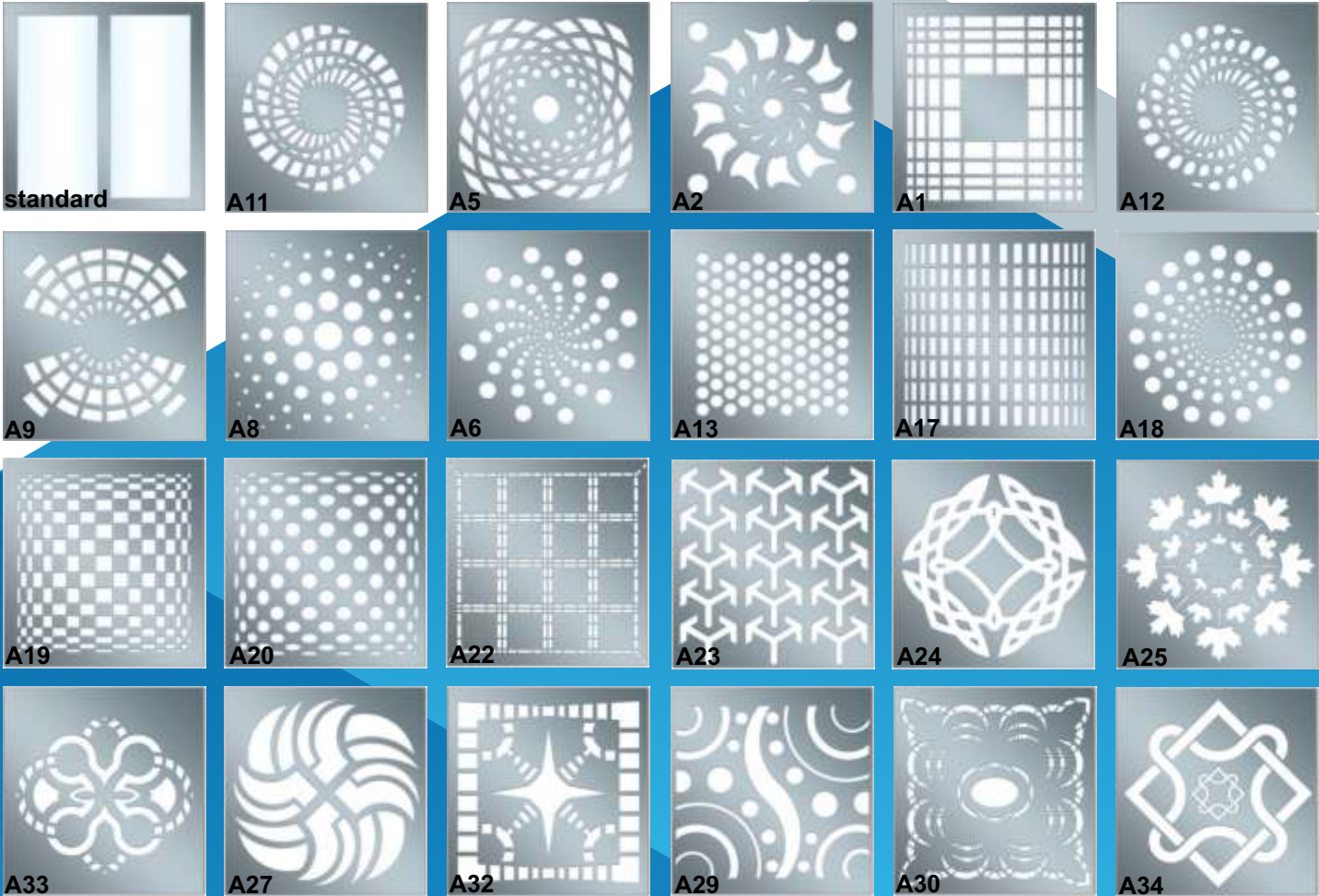
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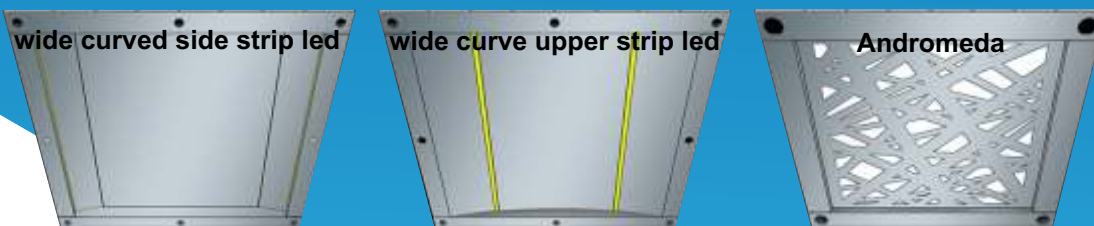
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Ceilings

STANDARD SELECTION



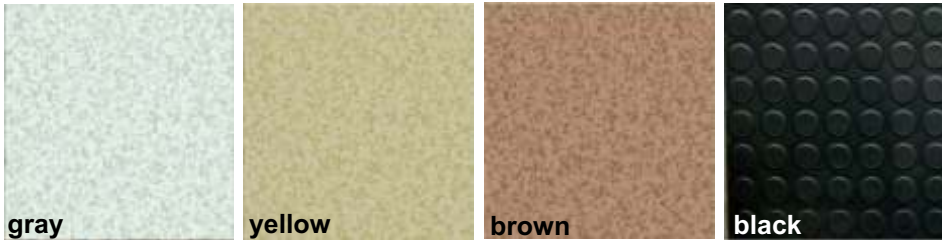
OPTIONAL SELECTION



Flooring

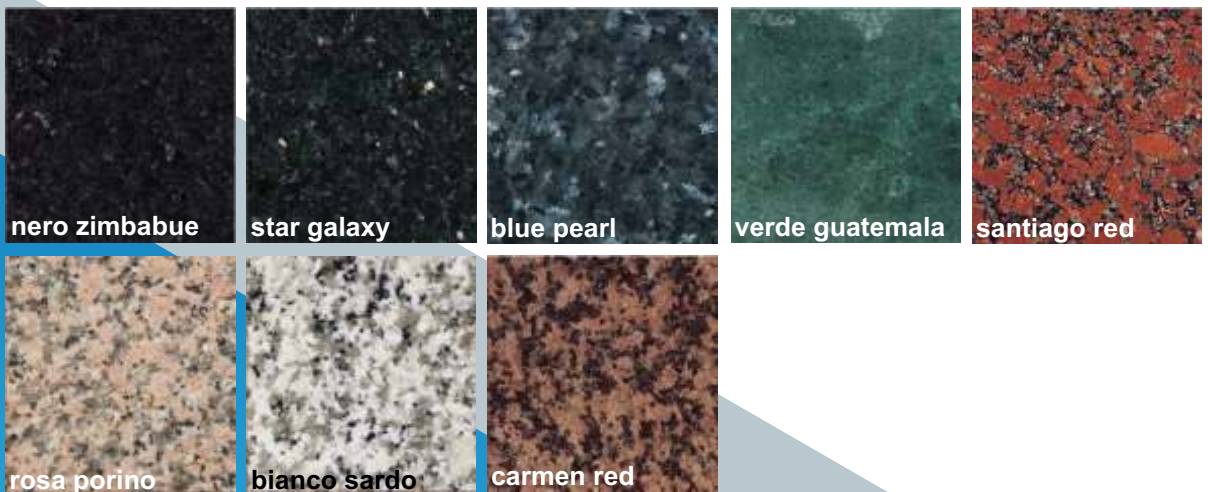
STANDARD SELECTION

pvc coatings



OPTIONAL SELECTION

granite options



decorative pvc



metal



Operating Panels

STANDARD



STANDARD



OPTIONAL
DOT MATRIX HEADER



MEGA 7 DM



OPTIONAL MEGA 7 DM HEADER



SHARELOCK SECURITY MODULE

Sharelock RFID card reader module can be used for securing up to 100 RFID cards on car or landing operator panels. Sharelock can be easily programmed with on-board push buttons.

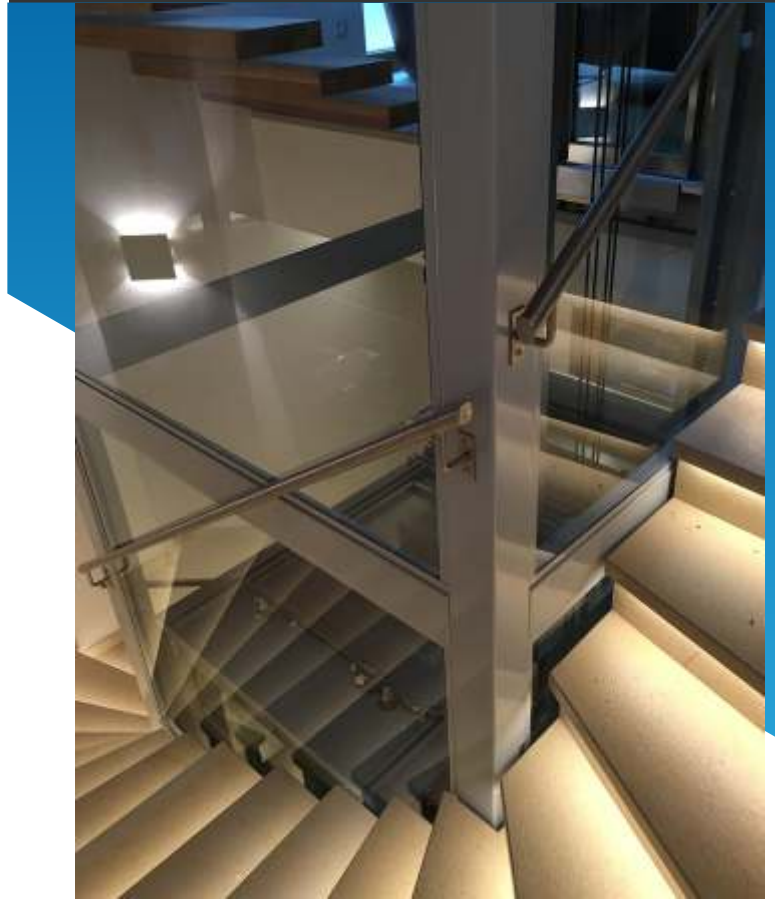
MEGA 7 TFT



OPTIONAL MEGA 7 DM HEADER



Metal Structures



Metal Working F line lift structures are extremely versatile thanks to an innovative construction system that permits us to obtain results that are of optimal quality and consistency at a competitive price.

Internal Structures and External Structures are both available in a variety of claddings and finishes.

THE FUTURE BEGINS TODAY



Low Pit/ Headroom

Low Pit and/or Low Headroom Lifts follow the EN81-21 regulations.

Special safety equipment to guard lift personnel from risk of crushing needs to be installed to the lift to adhere to these regulations.

In Malta an application to the MCCA has to be made by the customer for approval of a low pit and/or low headroom derogation.

Further information can be found through the website of MCCA

LOW PIT PARAMETERS

Hydraulic - 250mm
Traction MRL - 450mm

LOW HEADROOM PARAMETERS

Hydraulic - 2800mm
Traction MRL -

DOCUMENTATION REQUIRED

Declaration from Architect

A declaration from the building's architect needs to be provided stating that ceiling beneath the pit is enough to withstand the forces created by the lift on the ceiling itself. Architect must also state reason why the pit is not according to standards required by law.

Building Plans

Side elevation of building depicting the lift shaft
Top elevation of the building as accepted by Building Authority
Site Plan

Permit issued by Building Authority

A copy of the final permit issued by local building authority must be supplied.

STANDARD FIRE SAFETY

Door Fire Rating

Standard option on our lifts are supplied with 60 minutes fire rated doors

EN81-73, behaviour of lift during fire

Standard option on our lifts are supplied with function of lift lowering to floor and opening door in case of fire.

NB :Connection to fire alarm to be supplied by client.



FIRE-FIGHTING LIFT EN81-73

A

A Firefighter lift is a passenger lift that may be used by firefighters to safely travel between floors in the event of a fire. The 2020 regulations update included many changes to the physical structures of Firefighter lift systems, and small changes to the requirements for emergency communication systems.



B

Fireman's lift requirements under EN81-72 requires that buildings of a certain size have fire-fighting lifts. In the UK, British Buildings Standard BS9999 requires fire-fighting lifts in buildings that are >18 metres tall, or have basements >10 metres deep.



C

Firefighter 3- way elevator intercom system EN81-72 describes a system including a Fire Service Access Level (FSAL) unit to be mounted on the ground floor beside the lift, an in-car unit to be accessed using the COP, and a MR unit. These components will provide a three-way elevator intercom system for firefighters





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