

Dedicated to People Flow™



C & R-SERIES: R9 C7 & C9

KONE MonoSpace® Exclusive Design Collection



KONE Design collection – when every detail counts

A new user experience

For KONE, the goal is to create the best possible user experience. A smooth ride and reliable performance ensure the ideal people flow, while the car interior design creates an aesthetically pleasing experience for each passenger.

There is more to this than mixing and matching the materials and components. The quality of materials, manufacturing process and assembly have to be first class to ensure that everything including the energy efficient lighting, innovative car operating panels and material combinations always supplement any type of architecture.

KONE has enhanced the lighting level, met the accessibility codes, and fulfilled the environmental requirements. With these standards as our base complemented by finishes available within this Design Book KONE has created complete harmony where all parts work together. The end result generates a positive user experience: aesthetically, functionally and emotionally.

The KONE FourSeasons™ Design Collection received the GOOD DESIGN™ 2008 award, as awarded by The Chicago Athenaeum: Museum of Architecture and Design.



LED light technology gives new possibilities for a visually pleasing look while saving energy. At the same time, it improves safety – LED lights last 10 times longer than halogen lights, so the lights are rarely burned out.

Residential selection

A defined elevator solution that combines speed, power and premium quality designs.



SPRING 0250

CEILING

Type: LF51
Material: Murano Mirror (H)
mirror polished stainless steel
Light type: T5 fluorescent tubes

WALLS

Portland Pearl laminate (L18)
Asturias Satin (F) stainless steel
Full width, full height glass
mirror

FLOOR

Tucson Grey (SF6)
composite stone

CAR OPERATING PANEL

KSC 673 Flush mounted
Asturias Satin (F) stainless steel
White dot matrix display
LED buttons

HANDRAIL

HR41 Brushed stainless steel
rounded ends

SKIRTING

Asturias Satin (F) stainless steel



SUMMER 0260

CEILING

Type: LF56
Material: Asturias Satin (F)
stainless steel
Light type: LED (round)

WALLS

Orlando Olive laminate (L31)
Asturias Satin (F) stainless steel
Full width, full height glass
mirror

FLOOR

Stainless Steel flooring

CAR OPERATING PANEL

KSC 675 Flush mounted
Asturias Satin (F) stainless steel
Black & white LCD display
LED buttons

HANDRAIL

HR41R Brushed stainless steel
Continuous rounded ends

SKIRTING

Asturias Satin (F) stainless steel



AUTUMN 0270

CEILING

Type: LF64
Material: Asturias Satin (F)
stainless steel
Light type: T5 fluorescent tubes
and LED (round)

WALLS

Yellowstone Beach
wood veneer (L11)
Asturias Satin (F) stainless steel
Partial width, full height glass
mirror

FLOOR

Huntsville Hardwood (LR2)
wood laminate

CAR OPERATING PANEL

KSC 673 Flush mounted
Asturias Satin (F) stainless steel
Amber dot matrix display
LED buttons

HANDRAIL

HR41 Brushed stainless steel

SKIRTING

Asturias Satin (F) stainless steel



WINTER 0240

CEILING

Type: LF53
Material: Murano Mirror (H)
mirror polished stainless steel
Light type: T5 fluorescent tubes

WALLS

Asturias Satin (F) stainless steel
Full width, full height glass
mirror

FLOOR

Tucson Grey (SF6)
composite stone

CAR OPERATING PANEL

KSC 673 Flush mounted
Asturias Satin (F) stainless steel
White dot matrix display
LED buttons

HANDRAIL

HR41 Brushed stainless steel

SKIRTING

Asturias Satin (F) stainless steel

Commercial selection

C7

Cool, sleek, sophisticated, with details in material combinations.
Pause for reflection.



C7 SPRING 0711

CEILING

Type: LF56
Material: Painted metal, white RAL9010
Light type: LED (round)

WALLS

Asturias Satin (F) stainless steel
Lucido Snow (L72) laminate
Full width, full height glass mirror

FLOOR

Cubic Cream (VF3) vinyl

CAR OPERATING PANEL

KSS D40 full height COP
Solid colour: Snow White

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C7 SUMMER 0721

CEILING

Type: LF53
Material: Murano Mirror (H)
mirror polished stainless steel
Light type: Fluorescent tubes

WALLS

Asturias Satin (F) stainless steel
Lucido Snow (L72) laminate
Partial width, full height glass mirror

FLOOR

Philadelphia Copper (VF6)
vinyl

CAR OPERATING PANEL

KSS D40 full height COP
Solid colour: Snow White

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C7 AUTUMN 0771

CEILING

Type: LF51
Material: Asturias Satin (F)
stainless steel
Light type: Fluorescent tubes

WALL COMBINATION (NWO)

Asturias Satin (F) stainless steel
Arctic Mesh (D) stainless steel
Full width, partial height glass mirror

FLOOR

Diorite Black (SF2)
composite stone

CAR OPERATING PANEL

KSS D40 full height COP
Solid colour: Amber Red

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C7 WINTER 0781

CEILING

Type: LF56
Material: Murano Mirror (H)
mirror polished stainless steel
Light type: LED (round)

WALL COMBINATION (NWO)

Asturias Satin (F) stainless steel
Murano Mirror (H) mirror
polished stainless steel
Scottish Quad (K) stainless steel
Full width, partial height glass mirror

FLOOR

Diorite Black (SF2)
composite stone

CAR OPERATING PANEL

KSS D40 full height COP
Solid colour: Ivory Black

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)

Commercial selection

C9

The KONE C9 interiors create different ambiances with details in glass and stainless steel; high quality materials and a wide variety of colours.



C9 SPRING 0951

CEILING

Type: LF56
Material: Murano Mirror (H)
mirror polished stainless steel
Light type: LED (round)

WALL COMBINATION (CM1)
Murano Mirror (H)
mirror polished stainless steel
Pinstripe Bronze (DS4) ridged
stainless steel

FLOOR

Marble White (SF21)
composite stone

CAR OPERATING PANEL
KSS D40 full height COP
Solid colour: Ivory Black

HANDRAIL

HR41R (partial width) stainless
steel (F) rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C9 SUMMER 1021

CEILING

Type: LF56
Material: Asturias Satin (F)
stainless steel
Light type: LED (round)

WALL COMBINATION (GC1)
Asturias Satin (F) stainless steel
(to side walls)
Siberian Glaze (GW1, rear wall
only) glass
Glass frames: Asturias Satin (F)
stainless steel
Murano Mirror (H)
mirror polished stainless steel

FLOOR

Marble White (SF21)
composite stone

CAR OPERATING PANEL
KSS D40 full height COP
Solid colour: Snow White

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C9 AUTUMN 0931

CEILING

Type: LF56
Material: Asturias Satin (F)
stainless steel
Light type: LED (round)

WALL COMBINATION (GC2) *
Glass to rear wall only
Asturias Satin (F) stainless steel
Tokyo Glaze (GW2) glass
Glass frames: Asturias Satin (F)
stainless steel
Murano Mirror (H)
mirror polished stainless steel

FLOOR

Marble White (SF21)
composite stone

CAR OPERATING PANEL
KSS D40 full height COP
Solid colour: Snow White

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)



C9 WINTER 1041

CEILING

Type: LF56
Material: Asturias Satin (F)
stainless steel
Light type: LED (round)

WALL COMBINATION (GC4)
Asturias Satin (F) stainless steel
(to side walls)
Manhattan Glaze (GW4, rear
wall only) glass
Glass frames: Asturias Satin (F)
stainless steel
Murano Mirror (H)
mirror polished stainless steel

FLOOR

Diorite Black (SF2)
composite stone

CAR OPERATING PANEL
KSS D40 full height COP
Solid colour: Ivory Black

HANDRAIL

HR41R stainless steel (F)
rounded ends

SKIRTING

Asturias Satin (F) stainless steel
(not on front wall)

KONE Design signalisation

Surface mounted signalisation ranges

KSS 470



Landing
signalisation



KSH 470



KSI 471



KSL 470

Car Operating Panel (COP)

Faceplate finishings:

Asturias Satin (F) stainless steel

Displays:

KSC 470 – 7-segment

KSC 471 – Dot matrix

Floor buttons:

Max. 14 floors

KSS 570



Landing
signalisation



KSH 570



KSI 573



KSL 570



KSA 573



Car Operating Panel (COP)

Faceplate finishings:

Asturias Satin (F) stainless steel

Murano Mirror (H)

mirror polished stainless steel

Golden mirror polished stainless

steel, coated with titanium nitride

Displays:

KSC 573 – Scrolling dot matrix
available in white,
amber and blue

KSC 575 – Black and white LCD

Suitable for fire fighting elevators

Flush mounted signalisation ranges

KSS 140



Landing devices



KSI 143



KSH 140



KSL 140

Car Operating Panel (COP)

Faceplate finishing:

Scottish Quad (K) stainless steel
or Asturias Satin (F) stainless
steel

Display:

Scrolling dot matrix

Floor buttons:

Max. 16 floors

KSS 670



Landing signalisation



KSH 670



KSI 673/675



KSA 673



KSL 670



KSH 660

Car Operating Panel (COP)

Faceplate finishings:

Asturias Satin (F) stainless steel
Murano Mirror (H)
mirror polished stainless steel
Golden mirror polished stainless
steel, coated with titannitride

Displays:

KSC 673 – Scrolling dot matrix
available in white,
amber and blue

KSC 675 – Black and white LCD

KSS 970



Landing signalisation



KSI 977



KSI 983/987



KSL 970

Car Operating Panel (COP)

Faceplate finishings:

Asturias Satin (F) stainless steel
Murano Mirror (H)
mirror polished stainless steel
Golden mirror polished stainless
steel, coated with titannitride

Displays:

KSC 970 – No display

KSC 973 – Scrolling dot matrix
available in white,
amber and blue

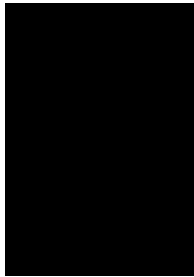
KSC 977 – Full colour LCD

KSC D20 partial height COP

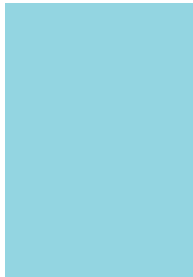


Snow White

Solid colours



Ivory Black



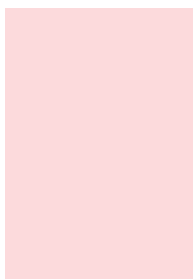
Horizon Blue



Almond Green



Amber Red



Cherry Blossom

Raster pattern



Anthracite Black



Sapphire Blue



Evergreen



Silver Grey

Mosaic pattern



Mist Green



Sand Beige

Car Operating Panel (COP)

Faceplate finishings:
Choice available from range

Displays:
White dot matrix

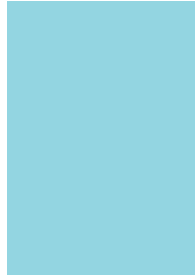
Suitable for fire fighting elevators

KSC D40 full height COP



Ivory Black

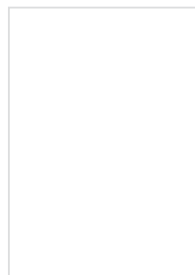
Solid colours



Horizon Blue



Almond Green



Snow White



Amber Red

Origami pattern



Sapphire Blue



Evergreen



Charcoal Grey



Anthracite Black

Car Operating Panel (COP)

Faceplate finishings:

Choice available from range

Displays:

White dot matrix

Landing signalisation



Snow White



Horizon Blue



Amber Red



Almond Green



Ivory Black
KSH D20



KSL D20



KSL D40



KSI D42



KSI D42

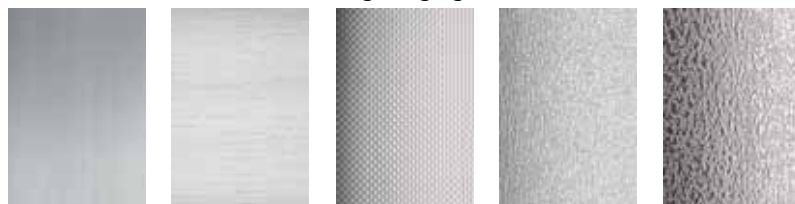
Mix & Match Options

If you can't find exactly what you're looking for from our KONE Design Collection interiors, you can replace elements with alternatives from the range. Select ceilings, walls, doors, mirrors and accessories. There are thousands of possible combinations.



Walls

Stainless steel - Suitable for fire fighting lights



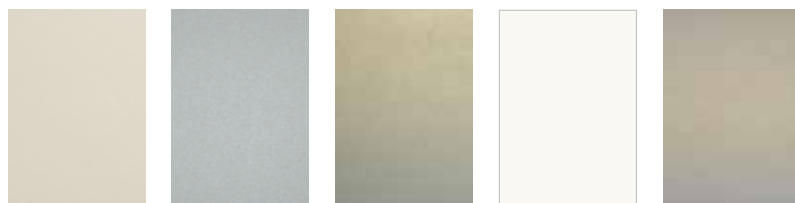
F Asturias Satin M Flemish Linen K Scottish Quad G Tahoe Leather D Arctic Mesh

Coated metal



R10 Astoria Almond R1 Monterrey Silver L18 Portland Pearl L72 Lucido Snow L19 Oceanside Shell

Laminate



Laminate



L2A Saginaw Merisier L3A Corsica Cherry L4 London Grey L8 Norsk Aluminium L10 Tuscany Pear L20 Sedona Sandy L31 Orlando Olive L7 Tokyo Aluminium (side walls)

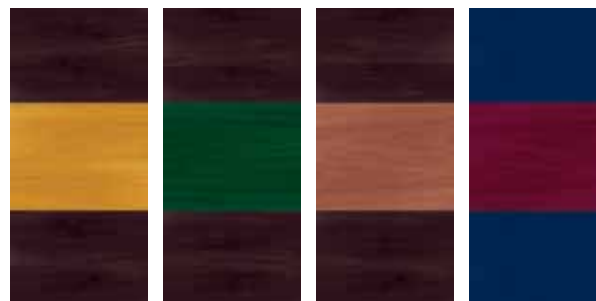
NOTE: zinc coated for local painting is also available

Wood veneer



L11 Yellowstone Beech L13 Washington Cherry MAHOGANY Malesia Mahogany

Striped wood veneer combinations (wide panels)*



CW1: Valencia Stripes (WP1) wide centre panel with Murano Mirror (H) narrow side panels
 CW2: Barcelona Stripes (WP2) wide centre panel with Murano Mirror (H) narrow side panels
 CW3: Malaga Stripes (WP3) wide centre panel with Murano Mirror (H) narrow side panels
 CW4: Madrid Stripes (WP4) wide centre panel with Murano Mirror (H) narrow side panels

NOTE:

- 1) Window wall options also available
- 2) Front wall finishes available in Asturias Satin (F), Murano Mirror (H), Scottish Quad (K), Flemish Linen (M), Arctic Mesh (D), Tahoe Leather (G) and Zinc coated (Z)

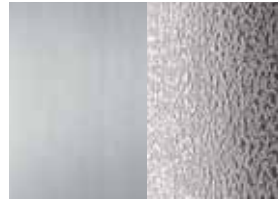
Stainless steel combinations (narrow panels)**



F/G
Asturias Satin and
Tahoe Leather



H/M
Murano Mirror and
Flemish Linen



F/D
Asturias Satin and
Arctic Mesh

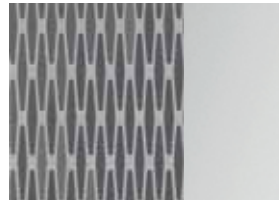


K/H
Scottish Quad and
Murano Mirror

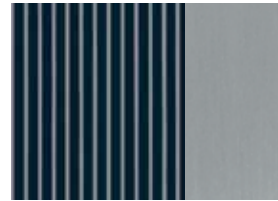
Stainless steel combinations (wide panels)*



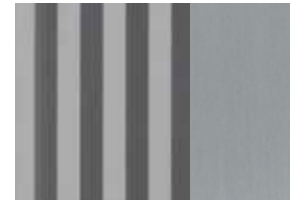
CM1: Pinstripe Bronze (DS4)
wide centre panel with Murano
Mirror (H) narrow side panel



CM2: Diamond Mesh (DS6)
wide centre panel with Murano
Mirror (H) narrow side panel



CM3: Pinstripe Navy (DS3)
wide centre panel with Asturias
Satin (F) narrow side panel



CM4: Striped Mirror (DS5)
wide centre panel with Asturias
Satin (F) narrow side panel

Scaling 50 %

Glass with narrow stainless steel wall frames



GC1: Siberian
Glaze (GW1)
with (F)
Asturias Satin
frames; Satin
Stainless Steel
available only
with (F) side
walls

GC2: Tokyo
Glaze GW2 with
(F) Asturias
Satin frames;
Satin Stainless
Steel available
only with (F)
side walls

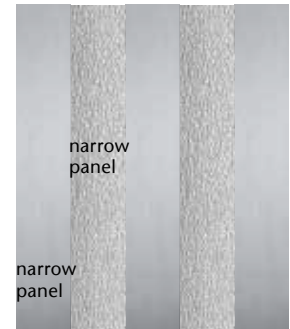
GC3: Berlin
Glaze GW3 with
(F) Asturias
Satin frames;
Satin Stainless
Steel available
only with (F)
side walls

GC4: Manhattan
Glaze GW4 with
(F) Asturias Satin
frames; Satin
Stainless Steel
available only
with (F) side
walls

Wide panel layout*

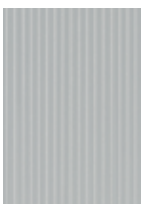


Narrow panel layout**



Floors

Vinyl



VF1
Chicago Silver



VF2
Chicago Lead



VF5
Philadelphia
Zinc



VF6
Philadelphia
Copper

Rubber



RC5
Detroit Grey



RC6
Dallas Black



RC8
Aspen White



RC9
Dayton Grey

Composite Stone



SF2
Diorite Black



SF5
Bianco Perla



SF6
Tucson Grey



SF21
Marble White



SF22
Pacific Blue



SF23
Ayres Red

Wood laminate



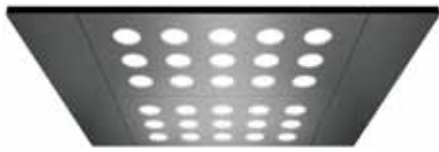
LR2
Huntsville
Hardwood



RW1
America Ciliegio

Maximum floor recess of 30mm for local finishing

Ceilings



Type: LF51
Finishing: White painted,
Asturias Satin (F) or Murano Mirror (H)
Lighting: T5 fluorescent tubes



Type: LF53
Finishing: White painted,
Asturias Satin (F) or Murano Mirror (H)
Lighting: T5 fluorescent tubes



Type: LF56
Finishing: White painted,
Asturias Satin (F) or Murano Mirror (H)
Lighting: LED spot lights (round)



Type: LF64
Finishing: White painted, Asturias
Satin (F) or the combination of
these 2 materials
Lighting: LED spot lights and
T5 fluorescent tubes



Type: LF68
Finishing: White painted
or Asturias Satin (F)
Lighting: LED spot lights (round)
Suitable for fire fighting elevators



Type: LF77
Type: LF77-AF (with fans)
Finishing: White painted
or Asturias Satin (F)
Lighting: T5 fluorescent tubes



Type: LF94M
Finishing: White painted, Asturias
Satin (F) or Murano Mirror (H)
Lighting: T5 fluorescent tubes

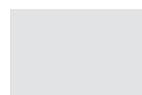


Type: LF97M
Finishing: White painted,
Asturias Satin (F) or Murano
Mirror (H)
Lighting: LED spot lights (square)
Suitable for fire fighting elevators



Type: LF98M
Finishing: White painted, Asturias
Satin (F) or Murano Mirror (H)
Lighting: LED spot lights (rectangular)
Suitable for fire fighting elevators

Painted metal Stainless steel



White painted -
RAL 9010



Asturias Satin
F



Murano Mirror
H

Fixings



Black fixings



Stainless steel
fixings



White fixings

Mirrors

Materials: Mirror polished stainless steel or glass (smoked or clear).



Sizes:

Partial width/Partial height (PW/PH)
 Full width/Partial height (FW/PH)
 Partial width/Full height (PW/FH)
 Full width /Full height (FW/FH)

Skirting



Made of Asturias Satin (F) or Murano Mirror (H) stainless steel.
 Finished at every corner with metal caps.

Flip chair



Real wood veneer, same as wall laminate or oak

Handrails



Straight ends, brushed stainless steel
 Rounded with curved ends, brushed stainless steel



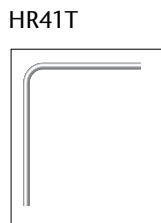
Brushed stainless steel (EN81-70 compliant)



Wood with America Ciliegio finishing
 Wood with Huntsville Hardwood finishing

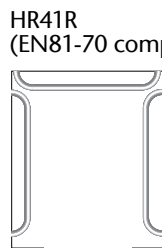


HR41



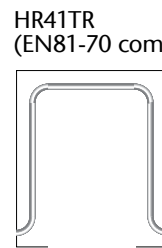
HR41T

Tube with corner module



HR41R (EN81-70 compliant)

Tube with rounded ends



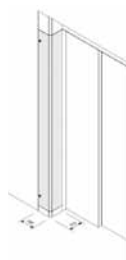
HR41TR (EN81-70 compliant)

Tube with corner module and rounded ends

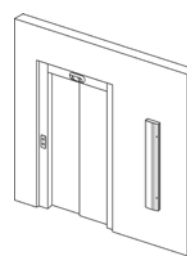
Alternative layouts of HR41 handrails are available in Asturias Satin (F) or Murano Mirror (H) stainless steel.

Maintenance Access Panel

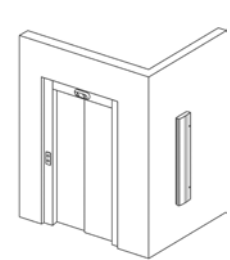
- Maintenance and rescue operations are integrated in a small cabinet
- Integrated at topmost landing door or one floor below
- Finishing in Asturias Satin (F), Scottish Quad (K), Flemish Linen (M) or Zinc coated (Z)
- To allow more flexibility a wall-mounted solution can be supplied
- Can be located on the side wall of the shaft



MAP integrated into door frame: Asturias Satin (F), Scottish Quad (K), Flemish Linen (M) or Zinc coated (Z)

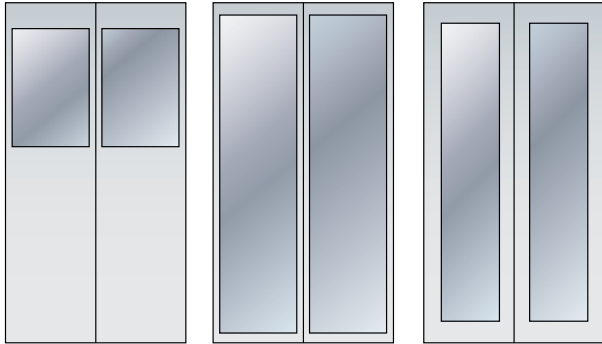


Wall-mounted MAP: Aluminium (A) or Asturias Satin (F) stainless steel



MAP mounted on side wall: Aluminium (A) or Asturias Satin (F) stainless steel

Landing Doors



Features:

- Front and rear entrance
- Glazed and semi-glazed options
- 2 hour fire rating
- Fire fighting, EN81-72 compliant doors

Door performance options:


- Advanced door opening
- Nudging function, reduced speed safety closing with warning buzzer
- Adjustable door opening and closing times

Full glass doors and windows are available with front, side or central opening in a variety of dimensions.

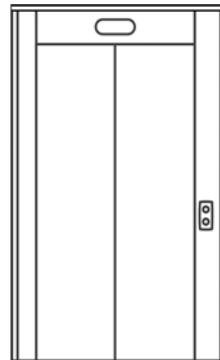
A zinc-coated door is also available, to be painted locally by the customer or doors can be wrapped with a non-standard finish.

Safety devices

- Curtain of light fixed to door
- Car door lock and emergency unlocking device



Curtain of light



Frame door



Side opening doors



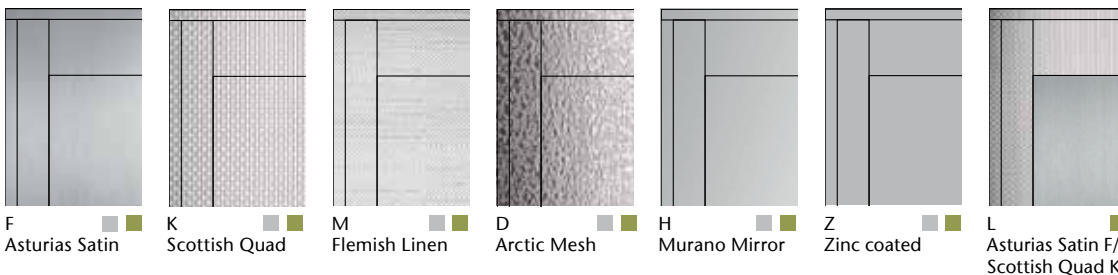
Centre opening doors

Landing door finishes

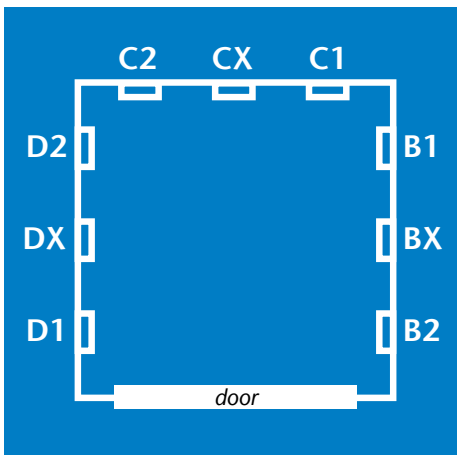
■ KES600/KES 800 DOORS

■ CAR DOOR PANEL
Asturias Satin (F) with glass doors
Glass doors option also available

Stainless steel



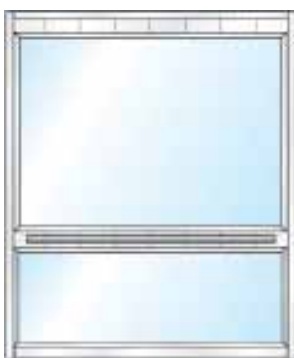
Glass Walls



The glass wall can be located in positions B1, BX, B2, C1, CX, C2, D1, DX or D2. A full width glass wall is possible on sides B, C or D, but not on the wall where the car operation panel is situated. A full width/full height glass wall consists of two panes of glass (the upper and lower windows). Between the upper and lower window is a metal frame of at least 100mm width and a handrail*.

Full glass to glass frameless options are available. Please contact KONE for details.

The maximum window size is 2,000 x 2,000mm and minimum partial window width is 400mm.



Full width/full height



Full width/partial height



Partial width/full height



Partial width/partial height

* EU elevator regulations require a handrail in glass-walled elevators. Contact your KONE representative for detailed information on elevator regulations and technical details.

KONE Visual Solutions for Glass Shafts



KONE Visual Shaft Kit

Glass has become an increasingly important component in the façades of modern buildings. When combined with glass elevator shafts, architects can provide passengers with a new kind of scenic elevator experience. One drawback of glass shafts, however, is that the elevator car's exterior, which is not always very appealing, is on full display.

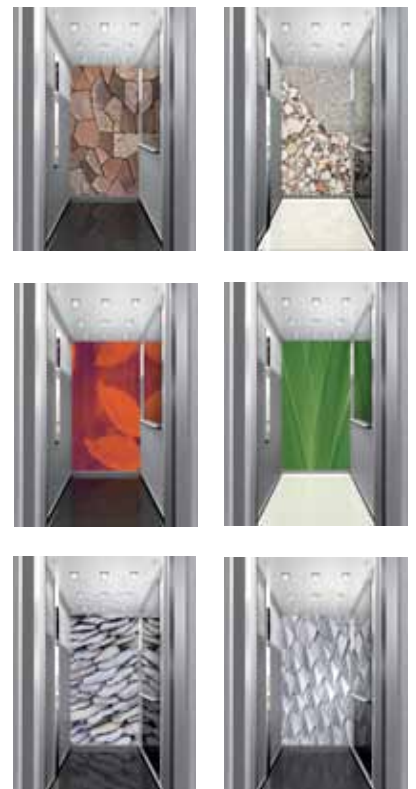
KONE can provide a range of Visual Solutions to enhance the appearance of your glass elevator shaft, including cladding for some of the visible components and specially painted components that have been developed specifically for cars that run in glass shafts.

Whether you have a complete glass shaft or just one glass wall, you can choose any or all of the elements of the visual solution that maximise the appearance and value of your building.

KONE Deco

The KONE Deco option – a unique passenger experience

KONE Deco is a new concept that provides added beauty and character to your elevator car. Deco can be provided as a factory fitted item or designed locally to your requirements. KONE's factory fitted options give you the choice of a wide range of picture graphics designed specifically for the back wall of the elevator car.





Complete management of YOUR ELEVATORS AND ESCALATORS

KONE E-Link™

KONE E-Link is a central management tool designed to provide the optimum reliability and efficiency of the elevators and escalators in a single building or in a building complex such as a shopping centre or airport. KONE E-Link traffic displays and reports provide an accurate view of the transportation demand, traffic performance, and availability of elevator capacity – all on one screen. This information helps you ensure that the elevators deliver the best possible performance at all times. With KONE E-Link it is also possible to shut off the elevators at times when they are not in use, thus saving energy.

KONE DCS

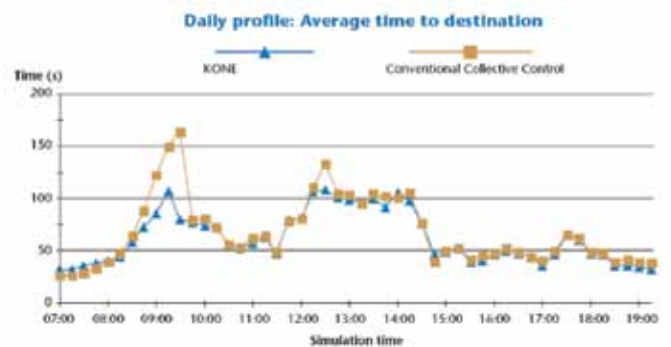
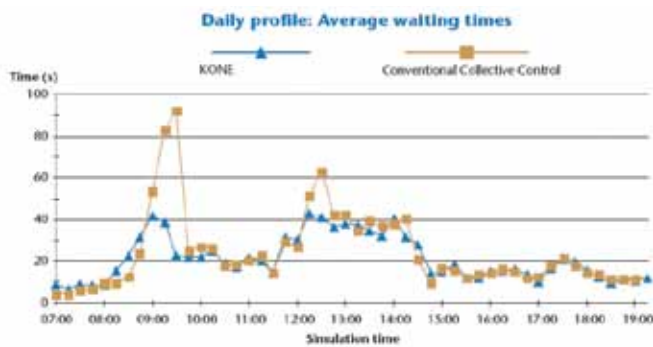


KONE DCS is the first destination control system adapted specifically for low to mid-rise buildings. It's ideal for busy commercial premises where passengers are in a hurry and likely to be carrying hand luggage. When entering the building, the passenger selects their destination floor at user-friendly destination operating panels (DOPs) in the lobby, rather than in the car. This avoids picking up and putting down items at the elevator entrance and then in the elevator car. This not only saves time but increases comfort and convenience particularly when the car is crowded. All other floors are equipped with conventional landing call buttons.

Improved Performance with KONE Destination Control System

Depending on the number of cars in your elevator group, their capacity and the number of floors in your building, a KONE Destination Control system will increase the handling capacity of an elevator group by between 20% and 100% during heavy up-peak traffic, by comparison with conventional systems. The increase in handling capacity is not achieved at the expense of passenger comfort. On the contrary, with a KONE Destination Control System, the car load factors, representing how full the cars are when in use, remain low compared to elevator groups using conventional systems.

The graphs below clearly demonstrate how the KONE Destination Control System assists in reducing passenger waiting times, essential in commercial buildings where high levels of passenger traffic are experienced.



Options and features

System features	R9	C7	C9
KONE DCS Destination Control System	○	○	○
KONE Remote Monitoring with GSM connection	○	○	○
EN81-72 Fire fighters lifts	○	○	○
EN81-73 Behaviour of lifts in the event of fire	○	○	○

Car interior design	R9	C7	C9
KONE Design Collection (number of available car interiors)	12	8	12
Mix & Match car interior materials (inc. local flooring)	○	○	○
KONE Nature Inspired Design	○	○	○
Glass doors	○	○	○
KONE Deco	○	○	○

Eco-efficiency features	R9	C7	C9
Fluorescent / LED lighting	●	●	●
Car light standby (OCL A)	●	●	●
Ventilation standby (OCV A)	○	○	○
Signalisation dimming	●	●	●
Drive standby			
Corridor illuminating control (CIC)	○	○	○
Regenerative drive	○*) ○ ●**)	○*) ○ ●**)	○*) ○ ●**)

Accessibility features	R9	C7	C9
EN81-70 Accessibility to lifts for persons including persons with disability	○	○	○
Car interior design according to EN81-70	○	●	○
Curtain of light (COL)	●	●	●
Lift announcer (ACU)	○	○	○
Door open with extended door time (DOE B)	○	○	○

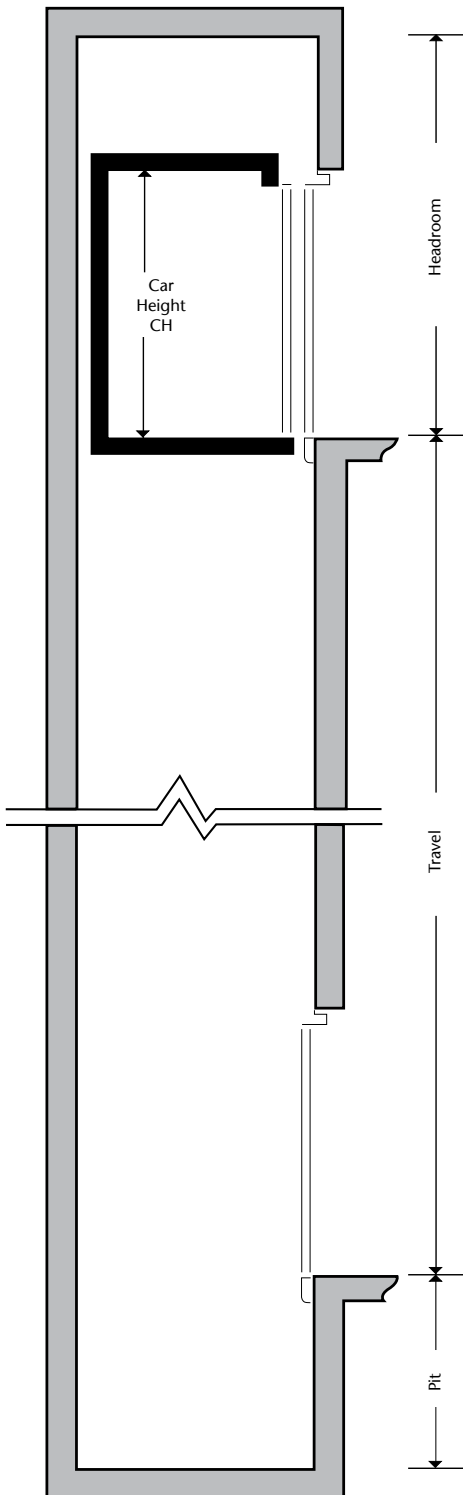
Security features	R9	C7	C9
Locking of car calls (LOC)	○	○	○
Locking of landing calls (LOL)	○	○	○
Fast recall (FRE)	○	○	○
Compulsory stopping at main floor (CSM)	○	○	○
Priority call in car (PRC)	○	○	○

Traffic boosting features	R9	C7	C9
Advance door opening (ADO)	●	●	●
Curtain of light (COL)	●	●	●
Nudging operation (NUD)	●	●	●
Bypass load function (BLF)	●	●	●
Adaptation to traffic peaks (IDP/ITP/IUP)	●	●	●
Door closed button (DCB)	●	●	●

- Built-in
- Option available
- *) Please consult your KONE sales professional for proper specifications
- ***) Built in at 3.5 and 4m/s

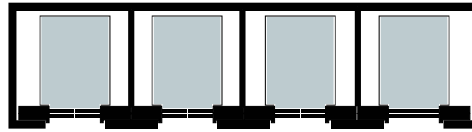
Design Planning Guide

Planning Guide - 1.0m/s, 1.6m/s, 2.0m/s, 2.5m/s



Group

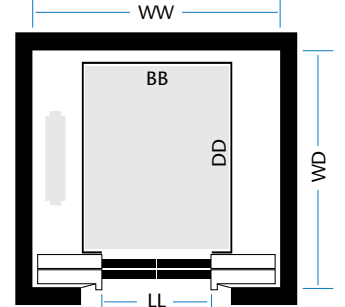
The maximum number of elevators in a group is 6 for MonoSpecial and 8 for MiniSpace. KONE can analyse the traffic conditions of your building and calculate the proper elevator configuration.



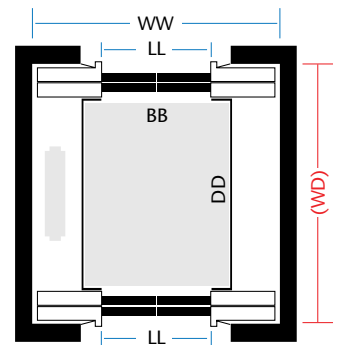
- The dimensions and designs specified within this planning guide are examples of a selection of the MonoSpace Exclusive range. Further details, including side opening doors, are available on request.
- Certain options e.g. counterweight safety gear or glass doors may require alternative dimensions.
- KONE min FFL - FFL travel is 2550mm on Front Only arrangement cars.
- KONE min FFL - FFL travel is 400mm on Through arrangement cars.
- All block work shafts must be designed with dense block work, please consult KONE on this issue.

Centre Opening

Single entrance / Centre opening

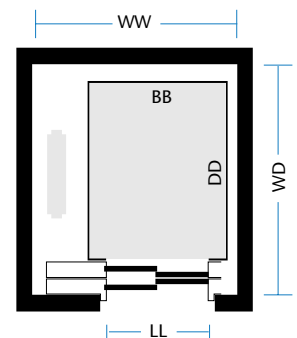


Through type car / Centre opening

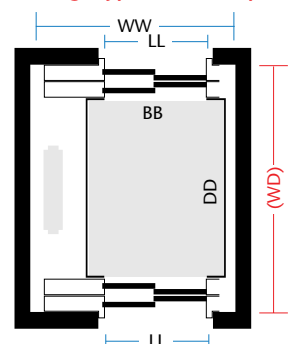


Side Opening

Single entrance / Side opening



Through type car / Side opening



PLANNING GUIDE				
Persons/ Load kg	Car Size BBxDD	LL (mm)	Centre opening door Well Size (mm) WW x WD	Side opening door Well Size (mm) WW x WD
8/630	1100 x 1400	800	1800 x 1700 (1810)	1650 x 1800 (2010)
8/630	1100 x 1400	900	2000 x 1700 (1810)	1650 x 1800 (2010)
10/800	1350 x 1400	800	1900 x 1800	1900 x 1850
10/800	1350 x 1400	900	2000 x 1800	1900 x 1850
12/900	1400 x 1500	800	1950 x 1850	1950 x 1900
12/900	1400 x 1500	900	2000 x 1850	1950 x 1900
13/1000	1100 x 2100	800	1800 x 2400 (2510)	1650 x 2500 (2710)
13/1000	1100 x 2100	900	2000 x 2400 (2510)	1650 x 2500 (2710)
13/1000	1100 x 2100	1000	2200 x 2400 (2510)	1800 x 2500 (2710)
13/1000	1600 x 1400	900	2200 x 1900	2150 x 1900
13/1000	1600 x 1400	1000	2200 x 1900	2150 x 1900
13/1000	1600 x 1400	1100	2400 x 1900	2150 x 1900
15/1150	1200 x 2100	800	1800 x 2400 (2510)	1750 x 2500 (2710)
15/1150	1200 x 2100	900	2000 x 2400 (2510)	1750 x 2500 (2710)
15/1150	1200 x 2100	1000		1800 x 2500 (2710)
15/1150	1600 x 1550	900	2200 x 1900	2150 x 1950
15/1150	1600 x 1550	1000	2200 x 1900	2150 x 1950
15/1150	1600 x 1550	1100	2400 x 1900	2150 x 1950
17/1275	2000 x 1400	1000	2700 x 2000	2700 x 2100
17/1275	2000 x 1400	1100	2700 x 2000	2700 x 2100
17/1275	1200 x 2300	1000	2150 x 2600 (2710)	1900 x 2600 (2910)
17/1275	1200 x 2300	1100	2350 x 2600 (2710)	2000 x 2600 (2910)
21/1600	2100 x 1600	1000	2800 x 2100	2800 x 2200
21/1600	2100 x 1600	1100	2800 x 2100	2800 x 2200
21/1600	1400 x 2400	1000	2150 x 2700 (2810)	2100 x 2800 (3010)
21/1600	1400 x 2400	1100	2350 x 2700 (2810)	2100 x 2800 (3010)
24/1800	2350 x 1600	1000	3050 x 2100	3050 x 2200
24/1800	2350 x 1600	1100	3050 x 2100	3050 x 2200
24/1800	1400 x 2600	1000	2150 x 2900 (3010)	2100 x 3000 (3210)
24/1800	1400 x 2600	1100	2350 x 2900 (3010)	2100 x 3000 (3210)
26/2000	2350 x 1700	1000	3050 x 2150	3050 x 2250
26/2000	2350 x 1700	1100	3050 x 2150	3050 x 2250
26/2000	1500 x 2700	1000	2200 x 3000 (3110)	2200 x 3100 (3310)
26/2000	1500 x 2700	1100	2350 x 3000 (3110)	2200 x 3100 (3310)
33/2500	1800 x 2700	1300		2550 x 3150 (3310)
33/2500	1800 x 2700	1400		2550 x 3150 (3310)

Dimensions in red are for through car openings

Note: If EN81-72 or EN81-71 Cat 1 are required please contact sales executive as shaft sizes may vary.

AVAILABLE SPEEDS									
RATED SPEED	8 Per	10 Per	13 Per	15 Per	17 Per	21 Per	24 Per	26 Per	33 Per
1.0m/s	Available	Available	Available	Available	Available	Available	Available	Available	Available
1.6m/s	Available	Available	Available	Available	Available	Available	Available	Available	Available
2.0m/s	Not Available	Available	Available	Available	Available	Available	Available	Available	Not Available
2.5m/s	Not Available	Not Available	Available	Available	Available	Available	Available	Available	Not Available
3.0m/s	Not Available	Not Available	Available	Available	Available	Available	Not Available	Not Available	Not Available

Available
Not Available

PIT DEPTHS (MM)									
RATED SPEED	8 Per	10 Per	13 Per	15 Per	17 Per	21 Per	24 Per	26 Per	33 Per
1.0m/s	1240	1320			1600				
1.6m/s	1550				1700	1800	2000	2000	
2.0m/s	N/A	1600			2000	2050	2150	N/A	
2.5m/s	N/A	N/A	1800		2400		2500	N/A	
3.0m/s	N/A	N/A	3100			N/A	N/A	N/A	

Available
Not Available

Headroom Height (mm) – To underside of lifting facility									
RATED SPEED	8 Per	10 Per	13 Per	15 Per	17 Per	21 Per	24 Per	26 Per	33 Per
1.0m/s	CH + 1400. Min 3750*				CH + 1450. Min 3850*				
1.6m/s	CH + 1600. Min 3750*				CH + 1600. Min 3850*				N/A
2.0m/s	N/A	CH+1800. Min 4100*			CH + 1800. Min 4200*			N/A	
2.5m/s	N/A	N/A	CH + 2300. Min 4500*					N/A	
3.0m/s	N/A	N/A	CH + 2300. Min 4800*			N/A	N/A	N/A	

Available
Not Available

KONE can offer lifts with the following code requirements:

Dimensions in red are for through car openings

Note: **If BS EN81-72 or BS EN81-71 Cat 1 are required please contact your KONE Sales Executive as shaft sizes may vary.**

Extra depth needed if using a fire fighting lift.

Flexible car/shaft sizes available on request

- BS EN81-70
- BS EN81-72 (fire fighting)
- BS EN81-71 Category 1 (vandal resistant)
- BS EN81-73 (fire behaviour)
- BS 9999 (evacuation control)

KONE provides innovative and eco-efficient solutions for elevators, escalators, doors, loading bays and access. We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernisation. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life-cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE UniDrive™, KONE MonoSpace®, KONE MaxiSpace™, and KONE InnoTrack™. You can experience these innovations in architectural landmarks such as 30 St Mary Axe and Broadgate and 201 Bishopgate buildings, BAA Terminal 5, Emirates Stadium, Brunel University, Citigroup, Jubilee Line and St. Georges Wharf.

KONE employs approximately 35,000 dedicated experts to serve you globally and locally in 50 countries.

KONE Corporation

KONE plc

Head Office

KONE plc, Global House, Station Place,
Chertsey, Surrey KT16 9HW
sales.marketinguk@kone.com

Regional Offices

KONE plc, Unit 6, Elmwood, Chineham
Business Park, Basingstoke,
Hampshire RG24 8WG

KONE plc, 2425 Regents Court, The
Crescent, Birmingham Business Park, Solihull,
B37 7YE

KONE plc, Suite G7/G4, Duart House,
Finch Way, Strathclyde Business Park,
Bellshill ML4 3PR

KONE plc, Worth Bridge Road, Keighley,
West Yorkshire BD21 4YA

KONE plc, 34 Bedford Road,
Clapham, London SW4 7HJ

KONE plc, 1000 Birchwood Boulevard,
Birchwood, Warrington,
Cheshire WA3 7QL

General Enquiries

Tel: 0845 1 999 999
www.kone.co.uk



Key

- Offices
- Branches

The paper used in this publication is 80% recycled and exceeds the strict environmental standards laid down by the Forest Stewardship Council (FSC).

This publication is for general informational purposes only and we reserve the right at any time to alter the product design and specifications. No statement this publication contains shall be construed as a warranty or condition, express or implied, as to any product, its fitness for any particular purpose, merchantability, quality or representation of the terms of any purchase agreement. Minor differences between printed and actual colours may exist. KONE, KONE Customer Care Centre™, KONE Remote Monitoring Services™, KONE Modular Based Maintenance™, KONE eOptimum™, KONE Care for Life™, KONE Voice Link™, KONE Data Link™ are registered trademarks of KONE Corporation. Copyright © 2008 KONE Corporation.