

2007 Elevator Cab Workbook

ThyssenKrupp Elevator
Americas Business Unit



ThyssenKrupp

Standard Design Laminated Plastic Cab



ThyssenKrupp Elevator's laminated plastic cabs are a beautiful blend of style and functionality. The standard cab, as included with our pre-engineered and SPF elevator packages, is as shown and detailed below:


Suspended ceiling. This ceiling is provided with warm fluorescent lighting mounted above the ceiling. The light is diffused through soft white polycarbonate panels, which are suspended in a metal frame with a white baked enamel finish.

Door. Standard doors are durable formed metal with baked enamel finish, as selected from our standard range of colors, and are accented with a decorative and functional brushed stainless steel kickplate. Doors shown are an upgraded design, with brushed stainless steel finish.

Fronts. The column type swing return panels are provided with a separate column and car operating panel with a durable brushed stainless steel finish.

Walls. The walls have a wood core construction, faced with decorative high-pressure plastic laminate. Shown here is Formica® Tuscan-Marble laminate, selected from our standard range of choices. Custom laminates may be selected; additional charges may apply.

Customizable Designs Flat Steel Wall Cab



Our steel shell cab is formed from high quality steel to create a flat cab interior. The basic option includes walls with baked enamel finish as selected from the standard paint selector. Upgrade options for this design allow for brushed, polished or 5WL patterned stainless steel wall finishes.

Downlight ceiling. The particleboard core downlight ceiling is an upgrade design. The ceiling shown here has a brushed bronze finish. Low voltage lighting is mounted in your choice of baked enamel, plastic laminate, stainless steel or bronze finished ceiling panels.

Doors. Doors shown are durable formed metal with brushed bronze finish, an upgrade to the standard baked enamel design.

Fronts. The column type swing return panels are provided with a separate column and car operating panel with an upgrade selection to brushed bronze.

Walls. Constructed of steel, finished with durable black baked enamel. Other selections of baked enamel or metal finishes are available.

Handrails. Handrails shown are 4 x 1/4" bar type, finished in brushed bronze. Bar handrails are also available in brushed or polished stainless steel and polished bronze.

Extended Cab. The cab shown includes a special 10'0" (3048) extended height for transport of tall objects.

Customizable Designs Applied Panel Cab

ThyssenKrupp Elevator's Applied Panel cabs include the same high quality steel shell as the Flat Steel Wall cabs, with the addition of vertical raised applied panels. Horizontal applied panel arrangement is available. Each applied panel has a wood core faced with decorative high pressure plastic laminate. Applied panels are also available in real wood veneer and brushed or polished stainless steel or bronze. Also available are 5WL patterned stainless steel applied panels.

Downlight. The metal pan downlight ceiling is an upgrade design. As shown, the ceiling has a baked enamel finish. This low voltage lighting can be mounted in your choice of baked enamel, stainless steel or bronze finished ceiling panels.

Doors. Doors shown are durable formed metal with brushed bronze finish, an upgrade to the standard baked enamel design.

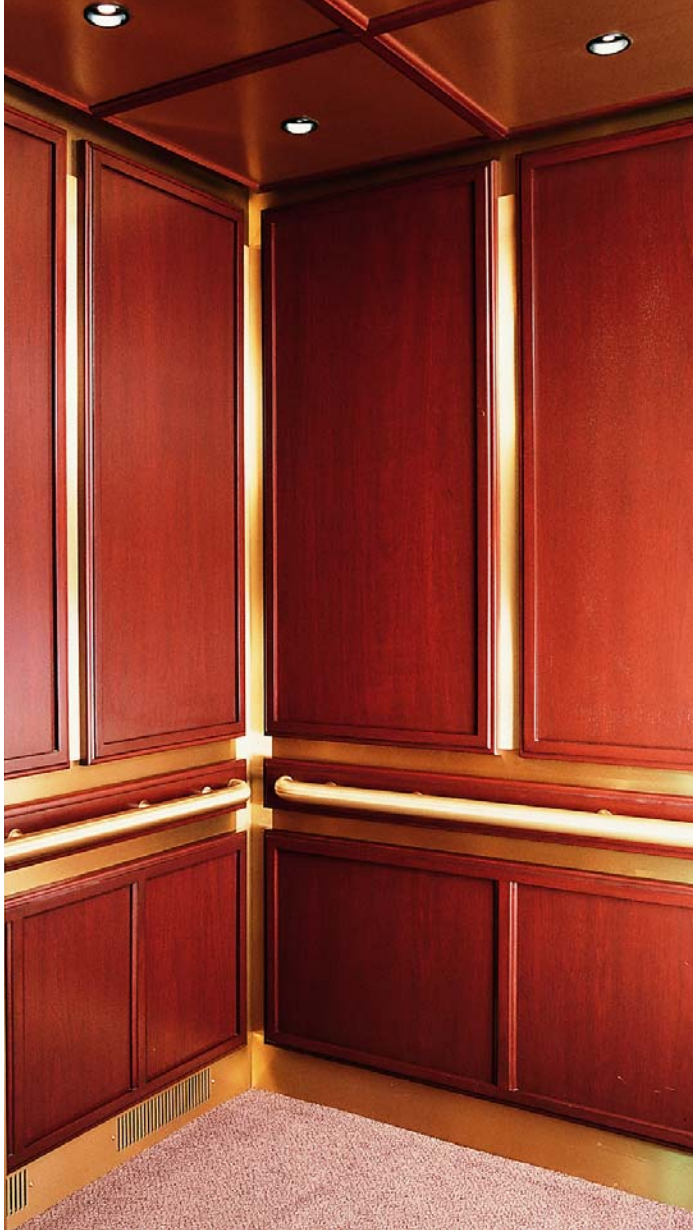
Fronts. The column type swing return panels are provided with a separate column and car operating panel with an upgrade selection to brushed bronze.

Walls. Constructed of steel, these walls have vertical applied panels finished in Formica® Lacewood laminate.

Reveals, Base, Frieze. The areas between the applied panels, ceiling and floor are shown finished in brushed bronze. The reveals, base and frieze are also available with a baked enamel, plastic laminate or stainless steel finish.



Customizable Designs Wood Wall Assembly



Mahogany



Cherry



Red Oak



Maple



Walnut

Our Applied Panel cabs are also available with real wood veneer applied panels. The sliced veneer panels come in a choice of wood finishes with raised trim molding applied to a baked enamel steel shell.

Downlight. The particleboard downlight ceiling is an upgrade design. As shown, the ceiling has brushed bronze panels with cherry molding. The halogen lighting can be mounted in your choice of baked enamel, wood veneer, stainless steel or bronze finished ceiling panels. Molding is available in all five wood veneer finishes shown above.

Walls. Constructed of steel, the walls shown include vertical applied panels with wood core construction, faced with cherry wood veneer. Mahogany, red oak, maple and walnut applied panels are also available.

Reveals, Base, Frieze. The areas between applied panels, ceiling and floor are shown to be finished in brushed bronze. The reveals, base and frieze may have a baked enamel, plastic laminate or stainless steel finish.

Handrails. 1-1/2" diameter cylindrical handrails with returned ends, finished with brushed bronze. We also offer 2" diameter handrails with straight end caps, as well as optional finishes in brushed or polished stainless steel or bronze. Cherry paneling is shown behind the handrail. This panel is available in five wood veneer finishes.

Front Return Collection

ThyssenKrupp Elevator offers a wide selection of front return types to meet your unique architectural style. Fronts include the columns, returns, filler panels and transom. All return types are available in brushed, polished or 5WL patterned stainless steel and brushed or polished bronze.

Column. This is the standard return type provided. The return features a hinged car operating panel with separate column and filler panels. The car operating panel swings open for service.

Wrap Around. Features a hinged car operating panel with integral column and separate filler panel. The integral car operating panel swings open for service.

Full Width Wrap Around. Features a hinged car operating panel with integral column and filler panel. The swing extends from the cab opening to the cab wall. The entire car operating panel swings open for ease of service.



Column type



Wrap Around



Full width wrap around

Door, Binder and Sill Collection

We offer a variety of cab door styles to meet your building's demand. The standard door height is 7'0" (2134), but can be constructed up to 9'0" (2743) high. Baked enamel and plastic laminate doors include a kickplate that matches the front returns. Other available door finishes are brushed, polished or 5WL patterned stainless steel and brushed or polished bronze.



One-speed door. This is the most economical door. The door is available in either right or left opening. One-speed doors are shown on page 2.



Two-speed door. Two doors move in the same direction, one sliding behind the other. The two-speed door provides a wider opening and can be either right or left-hand. Two-speed doors are shown on page 4.



Center-opening door. This type door permits the quickest entry and exit, improving elevator service while providing an attractive, symmetrical appearance. Center-opening doors can also be seen on page 3.

Aluminum Sill



Bronze Sill



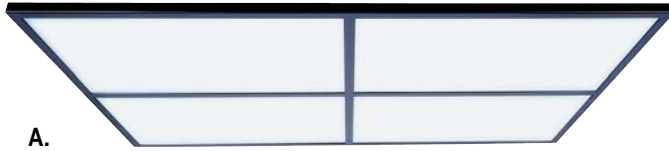
Nickel Silver Sill



Our variety of cab sill finishes allows you to match your sills to any other design component inside the cab. The standard sill design is aluminum; upgrade finishes include bronze and nickel silver.

Note: All dimensions in parentheses are in millimeters unless otherwise indicated.

Ceiling Collection



A.



B.



C.



D.



E.



F.

ThyssenKrupp Elevator's broad selection of suspended ceiling designs allows you to create a distinctive look for all of the elevators in your building. Lighting arrangements may vary depending on cab size.

A. Diffused lighting. Included as our standard design, this ceiling has white translucent diffusers for the fluorescent lighting. Standard frame is black baked enamel and is also available in aluminum, stainless steel or bronze finishes. Diffused lighting also shown on page 2.

B. Disc light. These metal ceiling panels have circular cutouts with translucent diffusers for the fluorescent lighting. The panels are available in your choice of baked enamel, stainless steel or bronze finishes. The standard frame is baked enamel, with upgrade design to stainless steel or bronze finishes.

C. Incandescent Downlight. This metal pan downlight ceiling features multiple low voltage lights mounted in your choice of baked enamel, stainless steel, 5WL or bronze finish ceiling panels. This ceiling is also shown on page 4.

D. Halogen Downlight. This metal pan downlight ceiling features halogen lighting that brilliantly illuminates your cab while using fewer bulbs than incandescent, requiring less maintenance. Lights are mounted in your choice of baked enamel, stainless steel, 5WL or bronze finish ceiling panels.

E. Island Type Halogen Downlight. Featuring small halogen downlights, this ceiling is constructed of a particleboard core faced with your choice of plastic laminate, stainless steel or bronze. The ceiling houses a concealed emergency exit as well as concealed metal framework. This ceiling is shown on page 3.

F. Island Type Perimeter lighting. This ceiling has a particleboard core ceiling faced with your choice of plastic laminate, stainless steel or bronze. Indirect lighting is provided by four fluorescent fixtures mounted above the ceiling. The light washes over the sides of the ceiling. The ceiling features a concealed emergency exit as well as concealed metal framework.

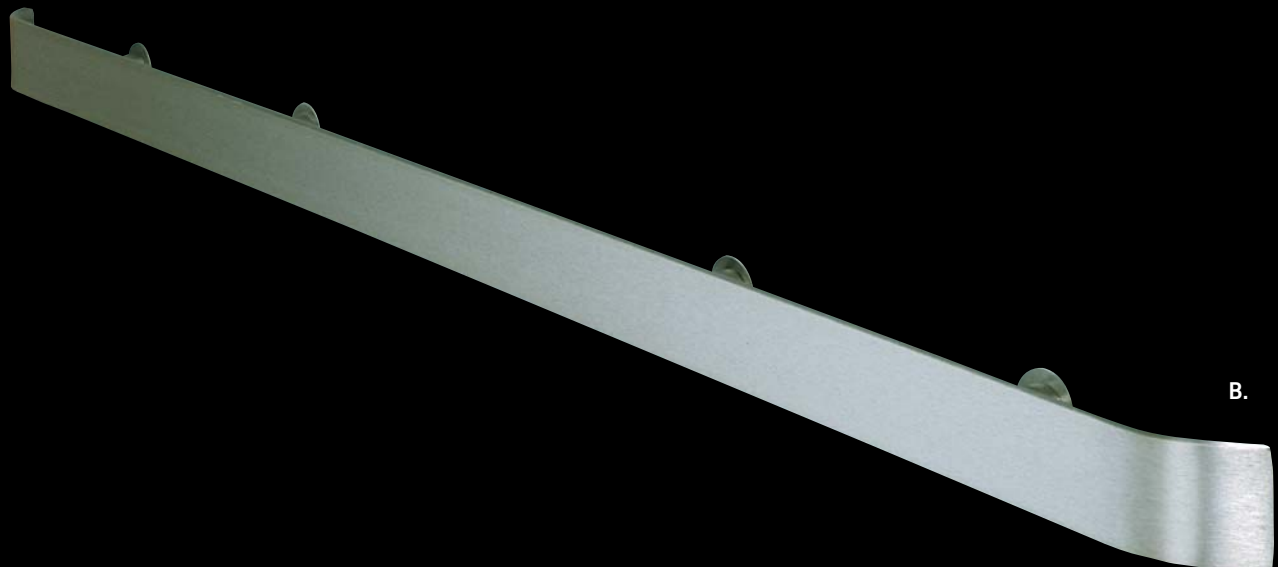


Our handrails have the quality and durability you need while upholding the style and attractiveness we are known for.

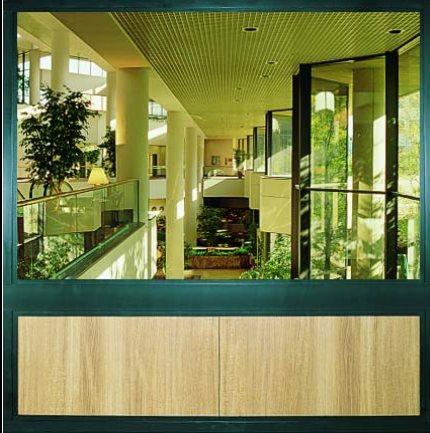
A. Cylindrical continuous. Included as our standard design, the 1 ½" (38) cylindrical handrail is a continuous metal form and meets ADA requirements. The 1 ½" handrail can have ends returned toward the wall or straight end caps. As an upgrade, we also offer the handrail in 2" (51). The 2" handrail comes with straight end caps only. Both sizes are available in brush or polished stainless steel or bronze.

B. Flat bar continuous. This metal bar handrail is available in ¼" (6) thickness x 2" (51), 4" (102) or 6" (152) widths. Available finishes are brushed or polished stainless steel or bronze.

Note: All dimensions in parentheses are in millimeters unless otherwise indicated.



Special Cab Options



Above handrail



Full height

Glassback cab options. Nothing compares to the beauty and elegance of a glassback elevator. They serve as a practical application for open-lobbied malls, hotels, office buildings or atriums. Not only can glassback cabs provide sophistication in buildings, they also offer security in parking decks and garages. The glassback is constructed of clear laminated safety glass with a baked enamel or anodized aluminum frame. By using the distinctive options, our designers can create glassback elevators to fit any application. Handrails are required on all glassback designs.

Above handrail only. The glass is provided as a window above the handrail. A modesty panel below the handrail will be finished to match side walls, whether laminated plastic, flat steel, or applied panel type.

Full height. Glass is provided above and below the handrail which offers an uncompromised view inside and outside the elevator.

Extended cab options. Standard height cabs sometimes do not meet the requirements of your project. You may

need a higher cab for transport of tall objects. We offer up to 10'0" (3048) under car top on flat steel wall cabs, 9'10" -1/4" (3003) under car top on applied panel cabs and 9'10" (2997) under car top on laminated plastic cabs.

Protection pads and buttons. Protection pads offer interior safeguarding against damage on cab fronts and walls. Pad buttons are available with all cab designs and can be finished in black, stainless steel or bronze finishes.

Plastic laminates. Choose from a variety of Formica® laminates offered, shown in our Color Your Cab plastic laminate selector. Special order, non-standard laminates are also available as an upgrade.

Baked enamel. We offer a wide variety of baked enamel colors for use in any elevator cab interior. See our Color Your Cab baked enamel selector for all standard options. If a non-standard color is preferred, a paint chip is required for color matching.

Carpet. Finished flooring is typically provided by the General Contractor, however we offer a selection of carpet colors for use in our pre-engineered and SPF elevator cab interiors. See our Color Your Cab carpet selector.



Custom Cabs. If what you've seen so far is not exactly what you are looking for, our custom cab design staff can build virtually anything you specify. We have created thousands of cab looks using ornamental finishes, special cab shapes, and non-standard cab sizes. We have the best cab planning department in the industry, so trust our experts to work with you from start to finish.

Worksheet

Standard Design Cab

- Laminated plastic

Plastic Laminate selection: _____

Customizable Design Cab

- Flat steel shell

Wall finish: _____

- Applied panel vertical
- Applied panel horizontal
- Wood wall assembly with raised trim molding

Panel finish: _____

Reveal finish: _____

Front Return Collection

- Column type swing return (Standard)
- Wrap around swing return
- Full-width wrap around swing return

Return finish: _____

Door and Binder Collection

- One-speed door
- Two-speed door
- Center-opening door
- Kickplates (baked enamel or plastic laminate doors)

Door finish: _____

Binder finish: _____

Kickplate finish: _____

Sill Collection

- Aluminum (Standard)
- Bronze
- Nickel Silver

Ceiling Collection

- Diffused lighting (Standard)
- Disc light
- Incandescent downlight
- Halogen downlight
- Island type halogen downlight
- Island type perimeter lighting

Ceiling finish: _____

Handrail Collection

- Cylindrical continuous 1 1/2" diameter (Standard)
- Cylindrical continuous 2" diameter with straight end caps
- Flat bar continuous

Handrail finish: _____

Handrail size: _____

Special Cab Options

Glassback cab

- Above handrail only
- Full height

Frame finish: _____

Other options

- Extended cab
- Protection pads & buttons
- Carpet

Carpet selection: _____

All illustrations and specifications are based on information in effect at the time of publication approval. ThyssenKrupp Elevator reserves the right to change specifications or design and to discontinue items without prior notice or obligation.

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