



Baluster-free railing marries Scandinavian minimalism with technical functionality.

alutec

ELEGANCE

BALUSTER-FREE RAILING



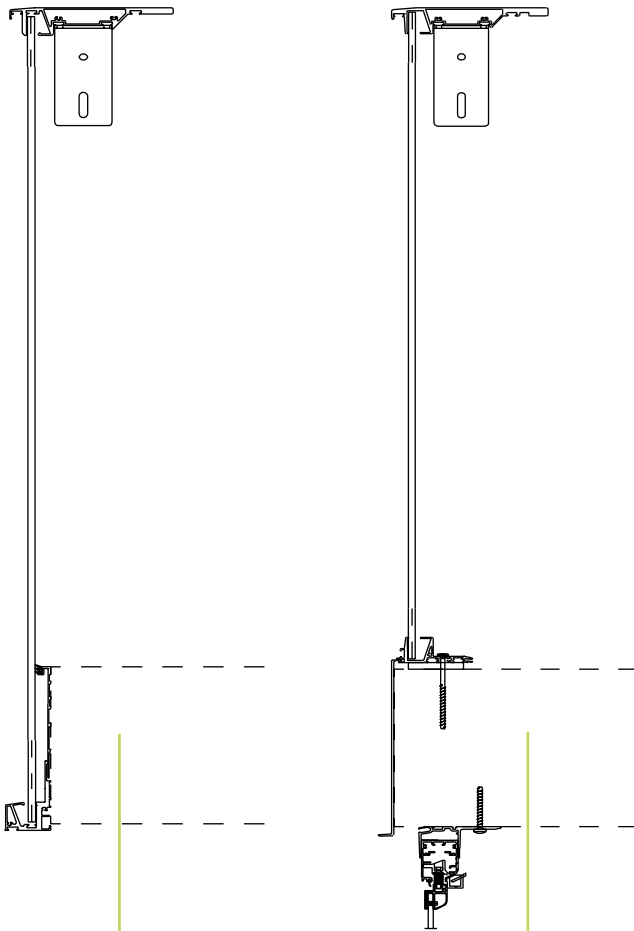
Style without balusters

The design of the ELEGANCE railing marries Scandinavian minimalism with technical functionality. The railing is free of balusters interfering with the view. The design of the railing is aimed at improving the view from the balcony: the innermost visible surface is only 10 mm high.

The baluster-free Alutec ELEGANCE railing can be installed on one, two or even three sides of the balcony without needing to add newel posts. If the maximum installation distance is exceeded, the railing can be extended by adding an intermediate fastening point to the railing. Intermediate fastening is done by using an additional support that is a part of the railing system.

The railing can be attached from the top of the slab, and it is possible to cover the front of the slab with a cover profile integrated into the railing system. It is possible to adjust the appearance of the railing by changing the width of the glass, for example. It is possible to use glass widths of up to 2 meters for railings. There will be fewer gaps in the glass and the sound insulation will also be improved, for instance. As an option you can have integrated Alutec blinds in the ELEGANCE railing system.





Alutec Elegance attached to the front of the balcony slab

Alutec Elegance attached on top of the balcony slab

4+4 or 5+5 laminated safety glass can be used in the ELEGANCE railing. For example, Alutec 3 balcony glazing can be installed on top of the railing. The width of the handrail is 172 mm or 200 mm, and the width of the bottom rail is 128 mm. The width of the balcony slab's flat part has to be at least 110 mm, so that the edge distance is sufficient. The ELEGANCE railing is attached to the balcony's partition and house walls (concrete or steel) and to the balcony slab by using wall fasteners that are a part of the profile system.



■ The maximum spans of the Alutec ELEGANCE

Location of balcony in the building	TC 0	TC 2	TC 3
Middle	4.1 m	4.3 m	4.5 m
Corner area	3.9 m	4.1 m	4.4 m

The maximum spans of the Alutec ELEGANCE railing in different terrain categories, balcony height max. 10 m.

Aluminium and glass construction professionals

Established in 1979, Alutec Oy is a reliable family business specialising in aluminium and glass construction. Our design, product development and production teams are based in Ylivieska, in the North Ostrobothnia region of Finland.

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