

Cuttings and surface

Routable AluPassive® panels can be trimmed without limitations on either side.
The top layer can be routed to a depth of 1 mm to 2.5 mm.

Screws and screwing advice

AluPassive® panels can easily being screwed using standard wood screws. For hinges and locks Mill Panel advises using screws of 4.5 x 60 mm.

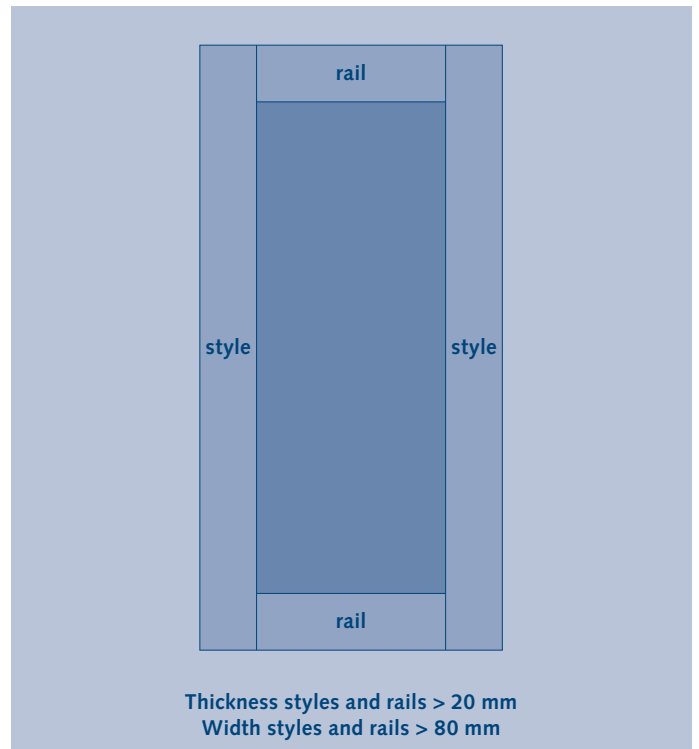
Definitie

This composite shell is constructed of styles and rails, each made of symmetrically structured CorkPlex® glued lengthwise-crosswise. The thickness of the styles and rails is at least 20 mm and the breadth is at least 80 mm.

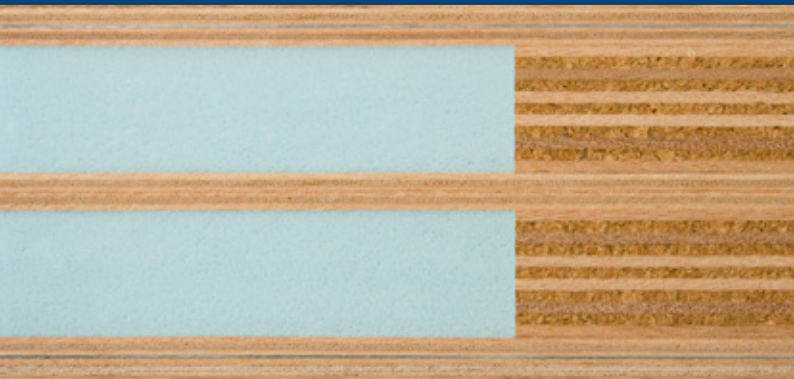
Between the struts and lintels, two XPS plate with a density of about 30 kg/m³ are used as shell filling. The XPS is glued across the entire surface of the covering sheets with D4 adhesive. The XPS plates are separated by a so-called 'middle plate', symmetrically glued between four styles, four rails and two XPS plates. The middle plate, which is a distinctive feature of the AluPassive®, has a thickness of at least 6.0 mm and is constructed of Okoumé triplex.

The XPS plates have a minimum thickness of 20 mm and a maximum thickness of 40 mm per plate.
The covering sheets are constructed of AluPlex® with a thickness of at least 10.5 mm. The veneer layers on the outside (=top layer) of the aluminium are glued lengthwise-crosswise, and have a combined minimum thickness of 5.0 mm. This is country and customer dependent.

The shell thickness varies from 68 to 100 mm.



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wood panel technology

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