



FIN-Project Nova-line 78/95  
*aluminium-wood*

## Stylish new-build near Palmela

Geometric forms and contrasting materials.

The brief for the villa scheme near the Portuguese town of Palmela called for the use of long-lasting materials and a maximum of privacy. All requirements were met in exemplary fashion: the circular and rectangular openings in the façade cater for protected areas, thus providing the required privacy. Despite the design features, generous daylighting is nonetheless guaranteed – thanks to the FIN-Slide lift-and-slide doors and FIN-Project floor-to-ceiling windows.

The project is informed by a coherent aesthetic: the warm tones of the spruce window frames generate a cosy atmosphere while offering the perfect contrast to the raw concrete walls and aluminium window frames on the exterior. What all materials have in common is their durability, low maintenance and resistance to heat and weather – a crucial factor considering the region's typically warm, dry summers and mild, wet winters.

**Type of building** Single-family dwelling  
**Construction** 2023  
**Project Planning** New build/conversion  
João Completo

**Country** Portugal  
**Region** Serra do Louro  
**City** Palmela

**Photographer** [Francisco Nogueira](#)



**Caixianjo**  
RUA JOSÉ RICARDO XAVIER, N°5  
2950-741 QUINTA DO ANJO. PORTUGAL  
Portugal  
[351212881734](tel:351212881734)  
[caixianjo@caixianjo.com](mailto:caixianjo@caixianjo.com)  
[www.caixianjo.com](http://www.caixianjo.com)



















# Products used

$U_w$  - Heat transmittance coefficient of window element

$R_w$  - Sound insulation properties of a window

npd - No performance determined



## FIN-Project Nova-line 78/95

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$U_w$  1-sash 2-/3-glazing:

1,2 / 0,82 W/m<sup>2</sup>K

$U_w$  2-sash 2-/3-glazing:

1,2 / 0,94 W/m<sup>2</sup>K

$R_w$  Standard:

38 (-2;-6) db

$R_w$  Best value:

45 (-1;-4) db



## FIN-Project Nova-line Plus 78/95

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$U_w$  1-sash 2-/3-glazing:

- / 0,77 W/m<sup>2</sup>K

$U_w$  2-sash 2-/3-glazing:

- / 0,91 W/m<sup>2</sup>K

$R_w$  Standard:

33 (-1;-4) db

$R_w$  Best value:

43 (-2;-6) db



## FIN-Slide Slim-line 170

*aluminium-wood*

$U_w$  1-sash 2-/3-glazing:

1,4 / 0,82 W/m<sup>2</sup>K

$U_w$  2-sash 2-/3-glazing:

1,5 / 0,91 W/m<sup>2</sup>K

$R_w$  Standard:

npd

$R_w$  Best value:

npd

Product data sheets and more information at  
[www.finstral.com/range](http://www.finstral.com/range)