



FIN-Project Slim-line 78/88  
aluminium-wood

## New-build scheme in the heart of the Pyrenees

Generous glazing affords vistas of the high mountain setting.

Apart from placing stringent demands in terms of thermal insulation, the location of this 2022-built single-family house high in the Pyrenean mountains practically dictated the architectural style, with wood as the predominant material both inside and outside. Also required were large windows to maximise daylighting of the interior. All challenges readily accommodated by Finstral with its modular window system.

While, on the interior, wooden frames in Spruce Nature engage with the traditional Alpine look of the timber linings, the black aluminium frames on the exterior add a gracefully light touch to the wood and natural stone façade. The elegant, angular profiles of the Slim-line frame enhance the rural character of the building. Thanks to the large areas of glazing, its strategic orientation reaps maximum benefits in terms of daylighting and heat gains for the indoor spaces. The large windows also command breathtaking views of the idyllic mountain panorama around the Val d'Aran.

Type of building	Single-family dwelling
Construction	2022
Project Planning	New build/conversion <b>Jesús Filloy</b>
Country	Spain
Region	Pyrenees
City	Val d'Aran
Photographer	<b>Javier Alonso</b>



**Vialpe**  
Pol. Ind. Campllong C/Garbí, 3  
25600 BALAGUER (LLEIDA)  
Spain  
**973446262**  
[info@vialpe.com](mailto:info@vialpe.com)  
[www.vialpe.com](http://www.vialpe.com)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)



**New-build scheme in the heart of the Pyrenees**

Generous glazing affords vistas of the high mountain setting.

[www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html](http://www.finstral.com/en/references/new-build-scheme-in-the-heart-of-the-pyrenees/311-12079.html)

# Products used

$U_w$  - Heat transmittance coefficient of window element

$R_w$  - Sound insulation properties of a window

**npd** - No performance determined



## FIN-Project Slim-line 78/88

*aluminium-wood*

$U_w$  1-sash 2-/3-glazing: 1,2 / 0,77 W/m<sup>2</sup>K

$U_w$  2-sash 2-/3-glazing: 1,2 / 0,91 W/m<sup>2</sup>K

$R_w$  Standard: 38 (-2;-6) db

$R_w$  Best value: 44 (-1;-4) db



## FIN-Project Slim-line 78/88

*aluminium-aluminium*

$U_w$  1-sash 2-/3-glazing: 1,2 / 0,77 W/m<sup>2</sup>K

$U_w$  2-sash 2-/3-glazing: 1,2 / 0,91 W/m<sup>2</sup>K

$R_w$  Standard: 38 (-2;-6) db

$R_w$  Best value: 44 (-1;-4) db

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