



FIN-Project Nova-line Cristal Twin 78/88
aluminium-aluminium

Building complex in Switzerland

Upgraded.

As the technical infrastructure failed to meet present-day standards, the concrete building in La Chaux-de Fonds had to be refurbished from top to bottom. The concept: retain and recycle rather than replace and rebuild. The recessed balconies on the south side retained their original style, albeit with an elegant upgrade: movable glass and expanded metal units and Finstral windows with coupled sashes vouch for flexible solar protection and high sound insulation. On the north façade, the focus was on optimising energy efficiency: The aluminium windows have measurably improved thermal insulation while nonetheless respecting the original style. Along with the large window units there are smaller windows featuring flush, dark aluminium infill panels custom-manufactured by Finstral. The highlight of the northern façade is the new cladding made up of aluminium composite panels. It drapes over the façade like a second skin and ensures perfect thermal insulation.

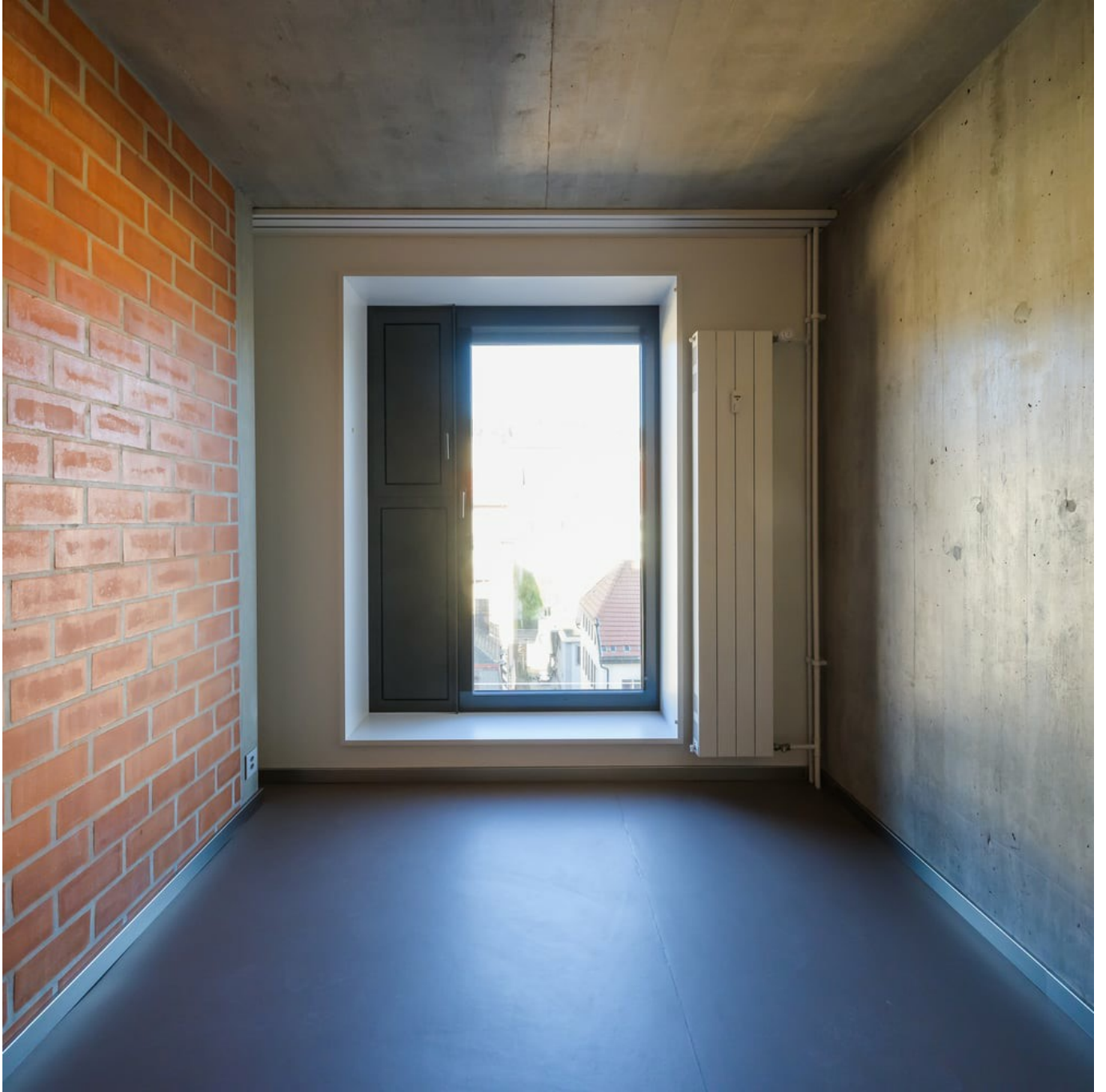
Type of building Multiple-family dwelling
Construction 2023
Project Planning Window replacement
Evard Architectes SA

Country Switzerland
Region Neuenburg
City La Chaux-de-Fonds
Photographer **Meraner & Hauser**



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Products used

U_w - Heat transmittance coefficient of window element

R_w - Sound insulation properties of a window

npd - No performance determined



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aluminium-aluminium

U_w 1-sash 2-/3-glazing:

- / 0,98 W/m²K

U_w 2-sash 2-/3-glazing:

- / 1,1 W/m²K

R_w Standard:

40 (-3;-10) db

R_w Best value:

npd



FIN-Window Nova-line Twin 77+8

aluminium-uPVC

U_w 1-sash 2-/3-glazing:

1,1 / 0,93 W/m²K

U_w 2-sash 2-/3-glazing:

1,1 / 1,0 W/m²K

R_w Standard:

40 (-2;-7) db

R_w Best value:

44 (-2;-7) db



FIN-Window Nova-line Twin 77

uPVC-uPVC

U_w 1-sash 2-/3-glazing:

1,1 / 0,93 W/m²K

U_w 2-sash 2-/3-glazing:

1,1 / 1,0 W/m²K

R_w Standard:

40 (-2;-7) db

R_w Best value:

44 (-2;-7) db

Product data sheets and more information at
www.finstral.com/range