



FIN-Window Slim-line Twin N 90+8
aluminium-uPVC

Building complex in Erlangen centre

Slide-in installation for energy-efficient window refurbishment.

A mixed-use building in Erlangen city centre housing office, medical practice and residential units underwent wholesale energy-efficient refurbishment under operating conditions. The scheme to improve the building's energy performance included renewal of the windows.

Finstral's minimally invasive slide-in installation method allowed smooth, efficient replacement of the 53 units in only two and a half weeks. Finstral precisely integrated the new windows in the existing fabric without any intervention in façade. To preserve the look of the building exterior, the aluminium window frames were finished in Dark Bronze and the sash frames in Pale Bronze. While the interstitial Venetian blinds provide flexible sunshading and glare protection, the high-quality glazing and uPVC frame cores vouch for maximum insulation. The fully modernised, energy-efficient building thus sports windows that remain aesthetically faithful to the past.

Type of building	Commercial
Construction	2025
Project	Window replacement
Planning	Gräbel Architekten Erlangen
Country	Germany
Region	Bavaria
City	Erlangen



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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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U _w 1-sash 2-/3-glazing:	0,97 / 0,83 W/m²K
U _w 2-sash 2-/3-glazing:	1,0 / 0,92 W/m²K
R _w Standard:	42 (-3;-9) db
R _w Best value:	47 (-2;-5) db

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