

TM
77N

WINDOW AND DOOR SYSTEM
WITH THERMAL INSULATION



YAWAL

energy efficiency and economy

TM 77N - SYSTEM FEATURES

- increased acoustic, thermal insulation and tightness,
- option of three thermal variants to suit individual energy requirements of the building,
- application of ecological seals for better thermal protection and reduced environmental impact,
- quick and easy prefabrication,
- option of making windows in different style versions.



See the product
on the website



Picture: Biurowiec Officer, Gdynia

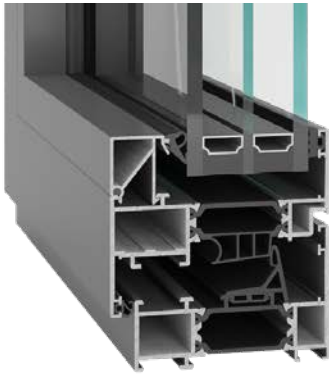
Design: arch. Jacek Droszcz, Studio Architektoniczne KWADRAT

Aluminium manufacturer: Aluminium Plus

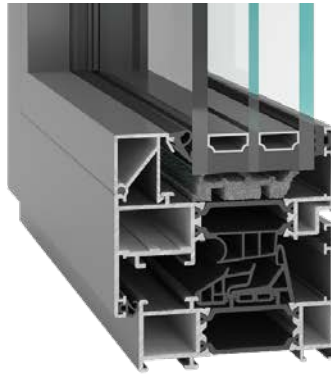
General contractor: ALLCON BUDOWNICTWO

THE TM 77N WINDOW SYSTEM IS AVAILABLE IN 3 THERMAL VERSIONS:

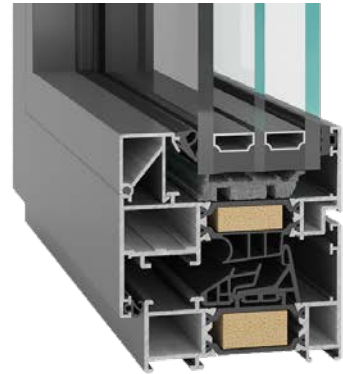
TM 77N ST



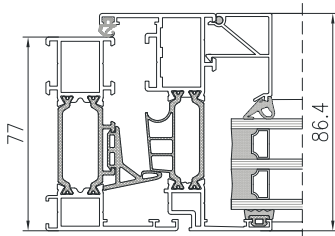
TM 77N I



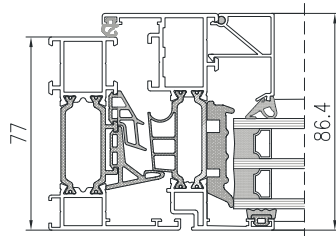
TM 77N HI+



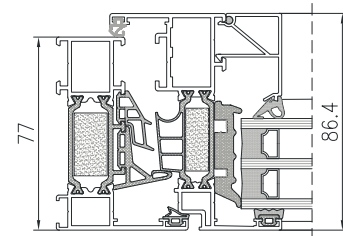
SECTION THROUGH WINDOW TM 77N ST



SECTION THROUGH WINDOW TM 77N I



SECTION THROUGH WINDOW TM 77N HI+



TECHNICAL PARAMETERS - TM 77N

		WINDOWS	DOORS
ENERGY	Thermal insulation EN 10077-2	Uw from 0,62 W/m ² K	Uw from 0,8 W/m ² K
COMFORT	Acoustic insulation EN ISO 140-3	Rw = up to 49 dB	Rw = 36 ÷ 45 dB
	Air permeability EN 12207	Class 4	Class 4
	Water tightness EN 12208	E1950	E900
SAFETY	Wind load resistance EN 12210	Class C5	Class C5/B5
	Anti-theft protection EN 1627	RC2	RC2, RC3

TECHNICAL PROPERTIES - TM 77N

	WINDOWS	DOORS
Frame structural depth	77 mm	77 mm
Sash/leaf structural depth	86,4 mm	77 mm
Infill thickness	21 ÷ 70 mm	21 ÷ 61 mm
Maximum sash/leaf dimensions L x H	1600 x 3000 mm	1400 x 3000 mm/ 2400 x 2900 mm
Maximum sash/leaf weight	300 kg	250 kg
Structure type	walls, fixed, tilt, turn, tilt-and-turn, turn- and-tilt windows	single-leaf, double- leaf doors, doors with transom window and sidelights

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