



Industrial



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WINDOW SYSTEM WITH THERMAL INSULATION



YAWAL



industrial design

TM 77N/62HI INDUSTRIAL - SYSTEM FEATURES

- excellent values of heat transfer coefficient,
- effective water draining system,
- aesthetics ensured due to narrow window frame visible from the outside,
- possibility of creating modern window structures in various arrangements,
- perfect substitution of old steel windows in modernised industrial facilities, lofts and tenement houses. They allow for maintaining the industrial character of the building and meeting the requirements of modern architecture at the same time,
- possibility of connecting with all YAWAL systems, particularly intended for connection with TM 62HI and TM 77N systems.



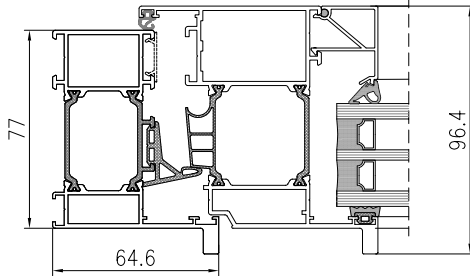
See the product
on the website

Picture: Monopolis, Łódź

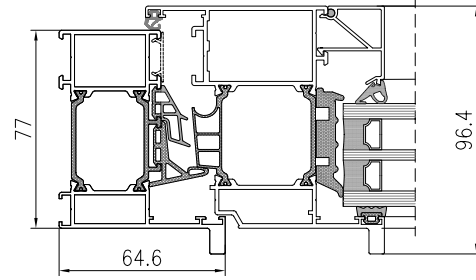
Design: Grupa 5 Architekci Sp. z o.o., Warsaw

Aluminium manufacturer: OLI Sp. z o.o., Piotrków Trybunalski

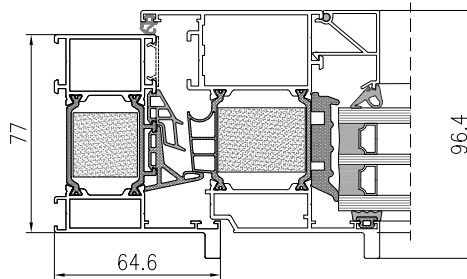
CROSS SECTION THROUGH
TM 77N ST INDUSTRIAL WINDOW



CROSS SECTION THROUGH
TM 77N I INDUSTRIAL WINDOW



CROSS SECTION THROUGH
TM 77N HI+ INDUSTRIAL WINDOW



TECHNICAL PARAMETERS - INDUSTRIAL

	TM 77N INDUSTRIAL	TM 62HI INDUSTRIAL
Thermal insulation EN 10077-2	Uw from 0,62 W/m ² K	Uw from 0,8 W/m ² K
Acoustic insulation EN ISO 140-3	Rw = up to 49 dB	Rw = 35 ÷ 42 dB
Air permeability EN 12207	Class 4	Class 4
Water tightness EN 12208	E1950	E1050
Wind load resistance EN 12210	Class C5	-
Anti-theft protection EN 1627	RC2, RC3, RC4	RC2, RC3

TECHNICAL PROPERTIES - INDUSTRIAL

	TM 77N INDUSTRIAL	TM 62HI INDUSTRIAL
Frame structural depth	77 mm	62 mm
Sash/leaf structural depth	86,4 mm	71,4 mm
Infill thickness	21 ÷ 70 mm	6 ÷ 54 mm
Maximum dimensions L x H	1600 x 3000 mm	1300 x 2600 mm
Maximum sash/leaf weight	300 kg	180 kg
Structure type	walls, fixed, tilt, turn, tilt-and-turn, turn- and-tilt windows	fixed, turn, tilt, turn and tilt window