

TM  
77N  
EI 30

FIRE PROTECTION WINDOW SYSTEM



excellent thermal conditions and safety

### TM 77N EI 30 – SYSTEM FEATURES

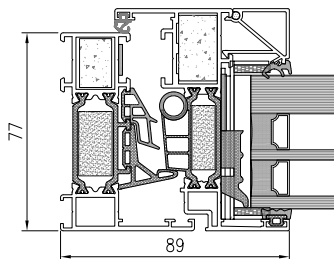
- an excellent thermal properties thanks to a three-chamber structure with the EPS insert in the middle and the GKF insert from the outside,
- an extend range of fire-proof glass panes which can be used, starting at frameless glass panes to double-chamber units,
- possibility of using fittings in class RC2 and RC3,
- possibility of constructing opening windows with transom windows and sidelights,
- the system connects two functionalities: an excellent thermal insulation and fire resistance at the EI 30 level,
- integrated window trickle vents - only\* in the Yawal's offer,
- possibility of combination with other Yawal systems,
- possibility of selecting glass manufacturer: Vetrotech Saint-Gobain, Bohamet.



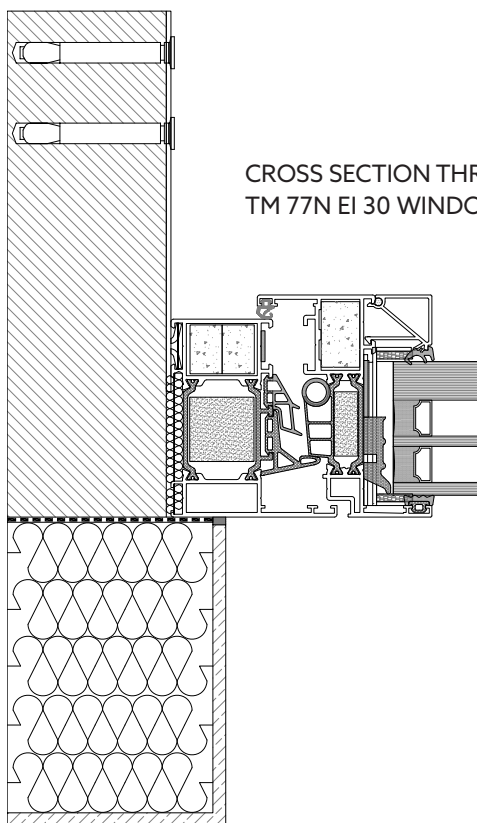
See the product  
on the website

Picture: WITOSA POINT, Warsaw  
Design: 4am Architects, Warszawa  
Aluminium manufacturer: ROBDAR S.C. Dariusz i Robert Paduch, Jazgrzew

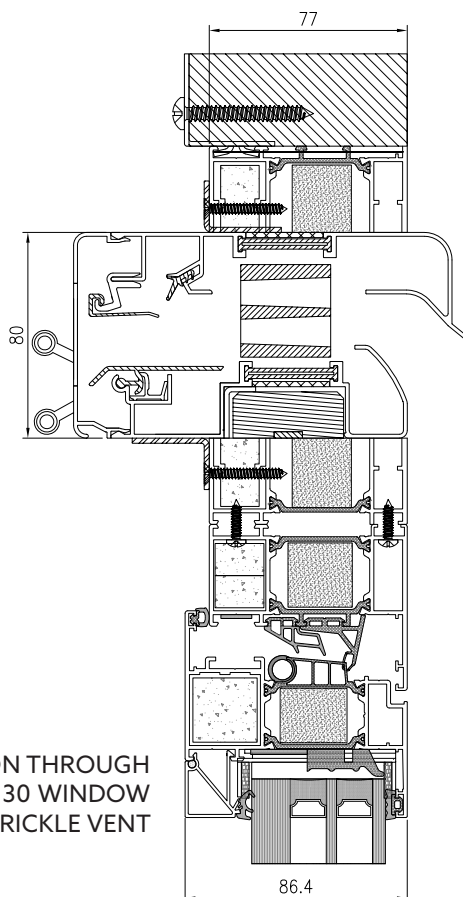
CROSS SECTION THROUGH  
TM 77N EI 30 WINDOW



CROSS SECTION THROUGH  
TM 77N EI 30 WINDOW



CROSS-SECTION THROUGH  
TM 77N EI 30 WINDOW  
WITH WINDOW TRICKLE VENT



#### TECHNICAL PARAMETERS - TM 77N EI 30

<b>ENERGY</b>	Thermal insulation EN 10077-2	U <sub>w</sub> from 0,822 W/m <sup>2</sup> K
<b>COMFORT</b>	Acoustic insulation EN ISO 140-3	from 39 ÷ 48 dB
	Air permeability EN 12207	Class 4
	Water tightness EN 12208	Class E 1650 Pa
<b>SAFETY</b>	Wind load resistance EN 12210	Class C5/B5
	Fire resistance EN 13501-2	EI 30

#### TECHNICAL PROPERTIES - TM 77N EI 30

Frame structural depth	77 mm
Sash structural depth	86,4 mm
Infill thickness	61 mm
Maximum dimensions L x H	1570 x 2450 mm