

FA  
**50N**  
PV

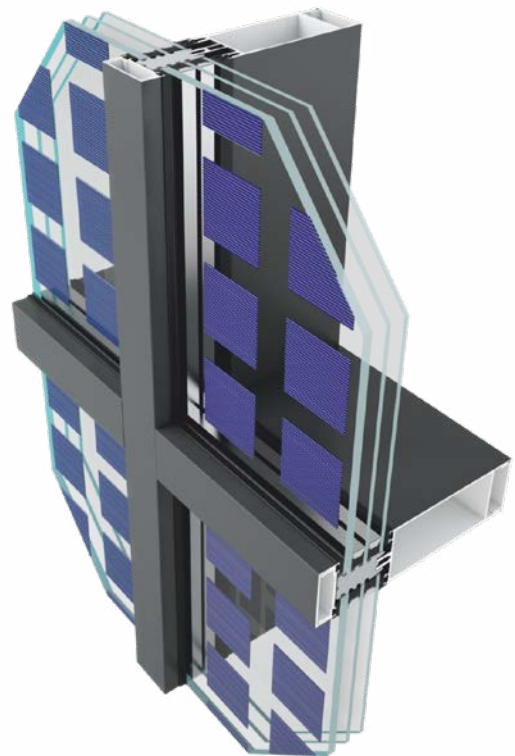
FACADE SYSTEM



energy efficiency

## FA 50N PV – SYSTEM FEATURES

- possibility of constructing curtain walls with fire resistance in classes from EI 30 to EI 60.
- invisible cabling,
- excellent thermal insulation,
- energy efficiency is ensured by excellent thermal insulation and the possibility of using photovoltaic cells,
- allows the creation of light curtain walls, roofing and other spatial structures using glass equipped with photovoltaic cells,
- possibility of covering the cable chamber with a special set of mullions, transoms and plugs, and the use of a special glass construction for obtaining electricity,
- possibility of assembly with any of Yawal façade systems.

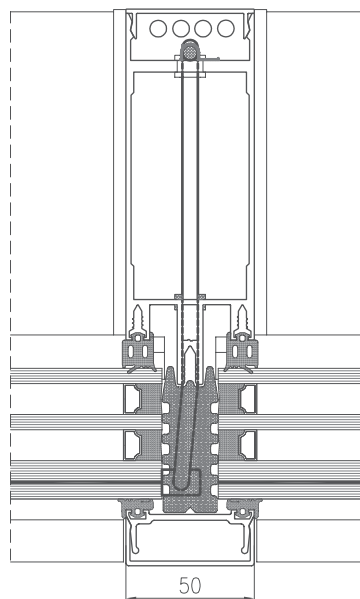


See the product  
on the website

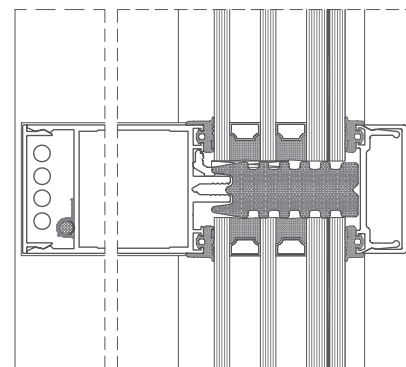
Picture: BMZ POLAND Sp. z o.o., Gliwice  
Design: BAUREN Renke Piotr  
Aluminium manufacturer: SBL-Żelbet Sp. z o.o.



CROSS SECTION THROUGH  
FA 50N PV MULLIONM - POSSIBILITY  
TO LEAD ELECTRIC CABLES



CROSS SECTION THROUGH  
FA 50N PV TRANSOM



TECHNICAL PARAMETERS - FA 50N PV

ENERGY	Thermal insulation EN 10077-2	$U_f = 0,65 \div 1,92 \text{ W/m}^2\text{K}$
	COMFORT	Acoustic insulation EN ISO 140-3
SAFETY	Air permeability EN 12207	AE 1650
	Water tightness EN 12208	RE 2850
	Wind load resistance EN 12210	2400 Pa
	Impact resistance EN 14019	I5, E5

TECHNICAL PROPERTIES - FA 50N PV

Minimum visible width (view from inside)	50 mm
Minimum visible width (view with outside)	50 mm
Maximum mullion depth	146,3 mm
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Glazing thickness	6 ÷ 64 mm

Glazing method	Glazing with pressure element Glazing with invisible mechanical fixing element and silicone joint
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