sapa:
buildingsystem
ARCHITECTURAL ALUMINIUM SOLUTIONS

NRGY 62

Innovative curtain walling


MAĞAZASI
2.5 m²
₺149
4 m²
₺199
PARK
HONDA
VE
YAKINDA
BURAGA
HİZMETİNİZDE
PORT
Kiralık
Satılık

NRGY 62

Innovative curtain walling

NRGY 62 is an innovative façade system that combines intelligent profile design with the demands of contemporary building requirements. It accommodates large glass sizes to maximise light penetration.

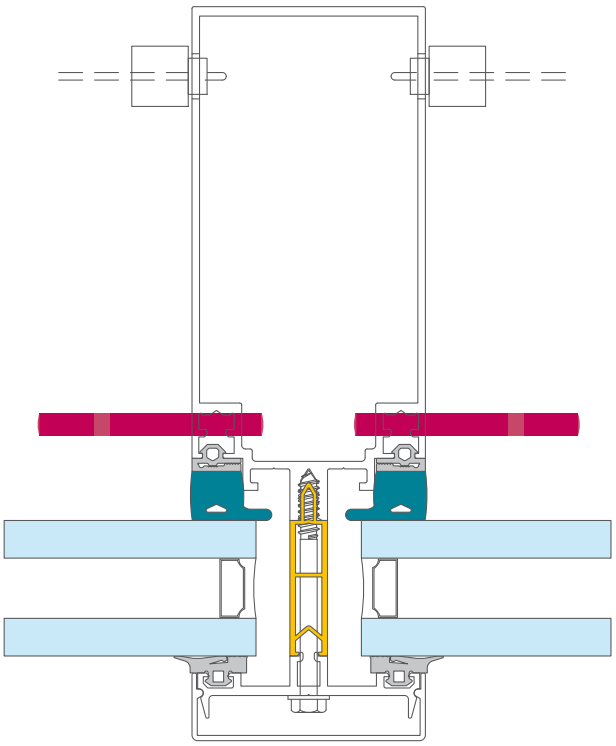
Innovative 62 mm façade system

- The NRGY 62 façade system accommodates large glass sizes to maximise light penetration.
- 680 kg glass load can be supported due to the smart pin system.
- The system encompasses a wide range of design curtain wall solutions and facilitates easy integration of various infill's, concealed vents, photovoltaic's, ventilation etc.
- The mullion and transom designs include a multi slot, which facilitates the use of solar shading or any hanging devices on the façade.

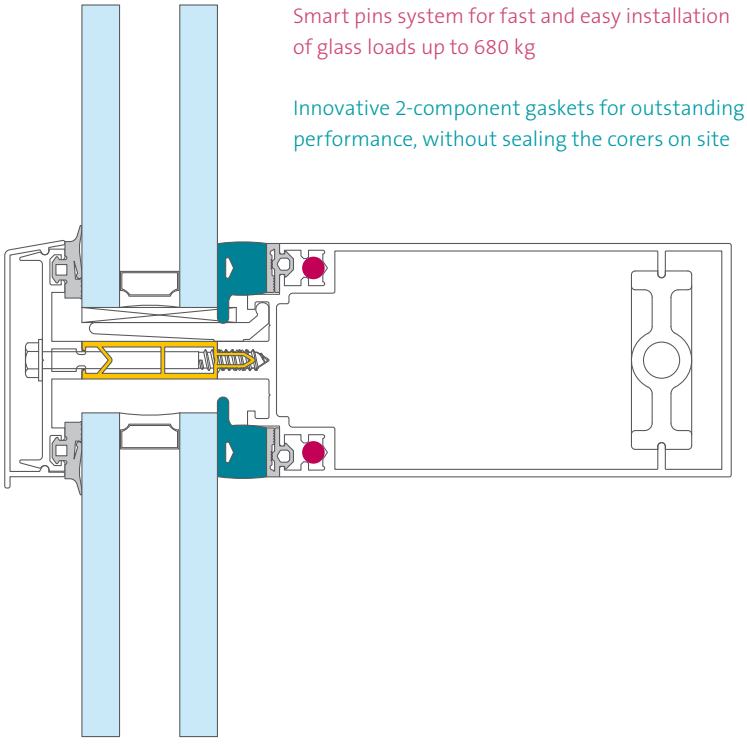
NRGY 62

Key features

- The NRGY 62 system is designed to accommodate large double or triple glazed units.
- Optimized production due to intelligent profile design, same profiles can be used as mullions and transoms.
- Increased glass coverage allows movements caused by live loads.
- Unique smart pin system allows standard weights up to 680 kg.
- Easy integration of solar shading brackets, cabling, BIPV, etc.
- NRGY 62 SHI with SBS Foampower© technology is 'Passivhaus'certified by IFT Rosenheim.
- Outstanding weather and seismic performances tested in accordance with EN and CWCT standards.
- Fast onsite installation thanks to an innovative 2-component gasket providing outstanding results without having to seal the corner junctions.
- Increased compensation of glass thickness tolerances by using innovative 2-component gaskets



In this age of global warming, we must act to preserve the future of our planet. Buildings are throughout their lifecycle largely contributing to emissions. Sapa Building System's aim is to be part of the solution. Our mission is to constantly challenge ourselves to develop and deliver better solutions for zero energy buildings (ZEB). A high performance building skin is key to achieve zero energy buildings. High insulated and airtight façade systems contribute largely to preserve energy.
By adding solar shading, controlling the opening parts and integrating decentralised ventilations, the use of energy is minimal. On site renewable energy production by solar electricity generation via building integrated photovoltaic's.



Smart pins system for fast and easy installation of glass loads up to 680 kg

Innovative 2-component gaskets for outstanding performance, without sealing the corers on site

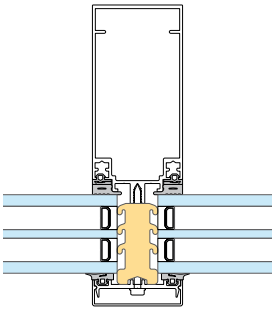
NRGY 62

Intelligent solutions for creative façades

NRGY 62 SHI

Super High Insulated

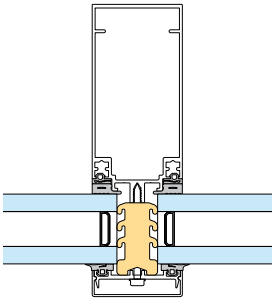
- **Thermal performance according PassivHaus standards**
- U_m, U_t = 0,88 W/m²K
- Foam-Power®-insulator with a depth of 59 mm



NRGY 62 SI

Super Insulated

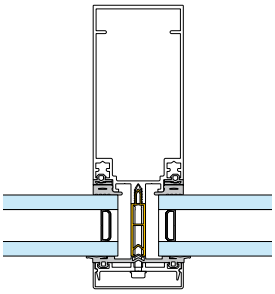
- U_m, U_t = 0,97 - 0,98 W/m²K
- Foam-Power®-insulator with a depth of 52 mm



NRGY 62 I

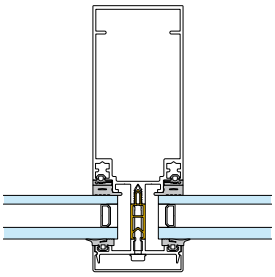
Insulated

- U_m, U_t = 2,0 - 2,2 - 0,98 W/m²K



NRGY 62 basic

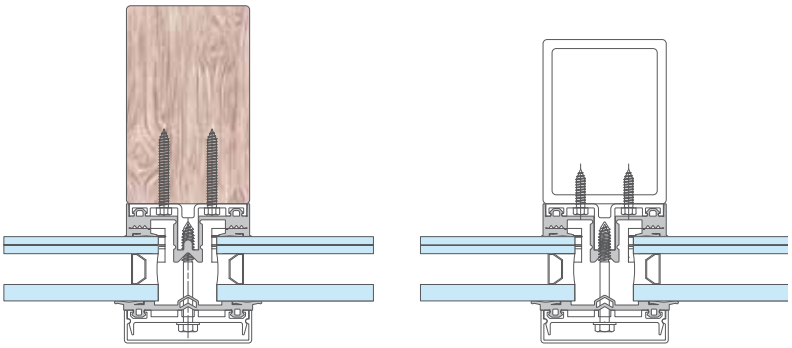
- U_m, U_t = 2,4 - 2,7 - 0,98 W/m²K



Characteristics	
Sightline	62 mm
Mullion depth	50 - 246 mm
inertia (Ixx: wind)	31,87 - 1924,44 cm⁴
Transom depth	50 - 245 mm
inertia (Ixx: wind)	31,87 - 1368,49 cm⁴
inertia (Iyy: glass)	32,50 - 123,61 cm⁴
Glazing	
Infill thickness	4 - 54 mm
Glazing method	dry glazed with EPDM gaskets
Performance	
Thermal break	4 - 59 mm
Tested according EN and CWCT standards	
Air permeability	AE 1200 (EN 12152)
Water tightness	RE 1800 (EN 12154)
Wind resistance	2400 Pa (EN 13116)
Impact test	class 5 (EN14019)
Seismic	tested according AAMA 501.4

glass	U_g	1,1	0,7	0,5
NRGY 62 SHI	U_{cw}		0,8	0,61
NRGY 62 SI	U_{cw}	1,19	0,82	0,64
NRGY 62 I	U_{cw}	1,26	0,89	0,71
NRGY 62 basic	U_{cw}	1,29	0,93	0,74

U_{cw} values had been calculated for 4m² model with glass.



NRGY 62 AP
applied on wood or Steel

- Façade system designed for vertical and sloped curtain wall applications.
- NRGY 62 AP is to be applied to any steel or timber supporting structure with a width from 60 mm.
- Integrated drainage system using continuous gaskets,

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ARCHITECTURAL ALUMINIUM SOLUTIONS

Your local Sapa Building System fabricator

SAPA BUILDING SYSTEM

Service, from design to installation

Sapa Building System, is one of the largest suppliers of aluminium building systems in Europe and is part of the Swedish group Sapa. The core business is the development and distribution of aluminium profile systems. Sapa Building System aims for well-developed systems and project solutions offering a tangible added value to fabricators, architects, investors and home-owners.

Windows, Doors, Sliding Systems, Curtain Walls, Solar Shading and BIPV

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