

Your smart choice for the building envelope.



Qbiss by trimo

Qbiss by trimo¹, defines the standard for the modern building envelope; a complete modular facade system combining all the very **highest aesthetics** together with the form and **function** demanded by today's architects and designers.

Architecturally, **Qbiss by trimo** takes **modern minimalism** to the next level; optically smooth surface and unique rounded corners delivers the greatest freedom of expression and offers designs of almost limitless possibilities – the perfect solution for all building types including hotels, banks, schools, office buildings, retail developments, leisure facilities or where a modern, **high-tech** landscape-defining construction is required.

¹ **Qbiss by trimo** - patent pending



It's aesthetic

with a unique rounded corner and famous 'shadow Joint' **Qbiss by trimo** delivers a modern minimalist design

It's self-supporting wall

No additional wall is needed. The self-supporting facade elements are fixed only at the edges on subconstruction or main construction. It means reducing of the cost as well as building time.

It's fire resistant

with integrated fire protection and supporting certification it lowers insurance premiums as well as building in health & safety benefits

It's thermally insulating

with no thermal bridges and a mineral wool core, a more stable seasonal climate can be achieved reducing heating and cooling costs

It's watertight

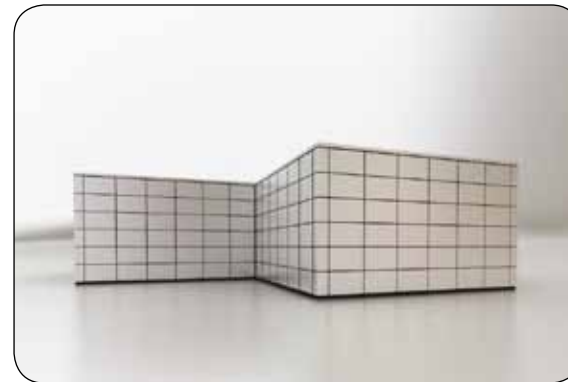
the system is watertight exceeding 900 Pa – significantly higher than most other systems



Qbiss by trimo offers three options:

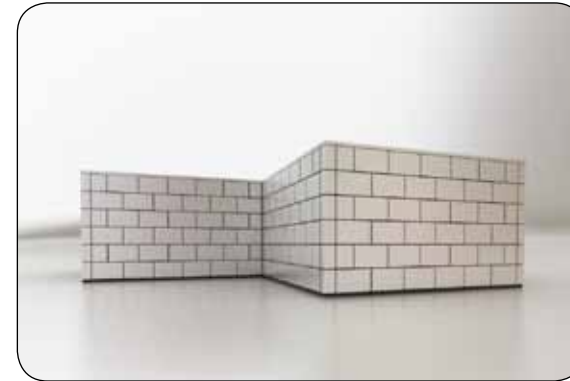
Horizontal (classic)

The most common orientation, the individual facade elements are joined in the horizontal direction (longitudinal) with a tongue-and-groove system and fixed to structure in a vertical direction (transverse).



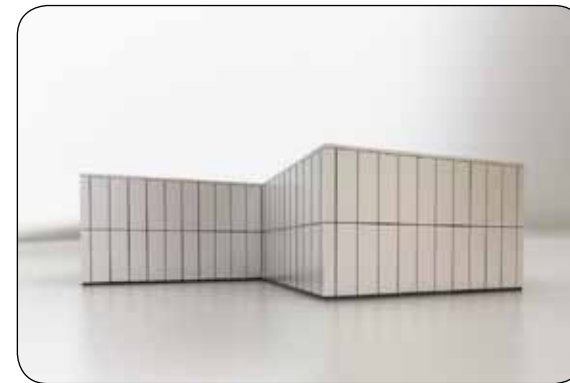
Horizontal (brick)

This innovative “Brick Structured Assembly” adds another design option to architects seeking to add further individuality to their projects. But **Qbiss by trimo** not only allows a symmetrical shift (end-to-middle of up and lower element), but also allows the vertical joints to be located anywhere on the longitudinal axis of the neighbouring horizontal facade elements.

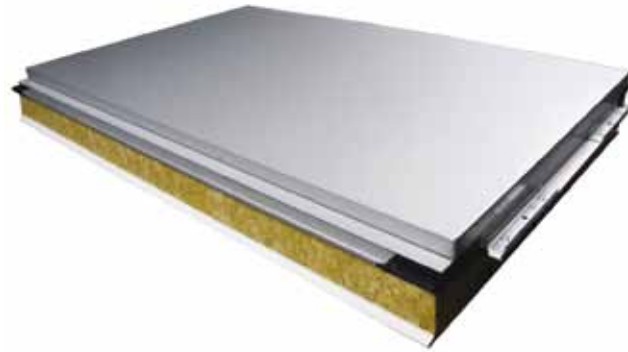


Vertical

Vertical orientation of facade elements is possible with each facade element joined in a vertical direction (transversal) with a tongue-and-groove system and fixed to the supporting structure in a horizontal direction (longitudinal).



Qbiss by trimo element consists of two galvanised and pre-finished steel sheets (internally 0.5 or 0.6 mm thick and externally 0.7 mm thick). The pre-finished steel sheets are bonded to the element core which is made of non-combustible mineral wool. All three layers make a solid element in thickness of 60 – 240 mm.



Qbiss by trimo uses Corus Colorcoat Prisma® on external side and is available in a wide range of popular solid and metallic colours. It comes with the **Corus Confidex® Guarantee for up to 25 years.**²

² Colorcoat, Confidex and Prisma are registered trademarks of Corus.

Qbiss by trimo is distinguished by the unique rounded corner. This is a unique solution, enabled by the highest automated technology and patented solutions.



CHARACTERISTICS

	Q-60	Q-80	Q-100	Q-120	Q-150	Q-172	Q-200	Q-240
Thickness (mm)	60	80	100	120	150	172	200	240
Weight (kg/m ²)	19.2	21.6	24.1	26.5	30.1	32.8	36.1	40.9
U Thermal conductivity (W/m ² K)	/	0.52	0.41	0.34	0.27	0.24	0.20	0.17
Fire resistance class	/	/	EI 30	EI 60	EI 120	EI 120	EI 120	EI 120
Insulant core	non-combustible mineral wool - density 120 kg/m ³ , Class A1							
R _w Sound reduction	/	30 dB ->		31 dB ->				
Lenght	530 - 6500 mm							
Modular width	600 - 1200 mm							
External profile	G - smooth / 0.7 mm							
Internal profile	s, g, v - profile / 0.6 mm or 0.5 mm							
External coating	Corus Colorcoat Prisma® - 50 micron pre-finished steel							
Watertightness	900 Pa							

Qbiss by trimo – your smart choice for the building envelope with 5-in-1 advantages:

- High-end, high tech aesthetics
- Self-supporting
- Fire resistant
- Thermally insulating
- Watertight





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