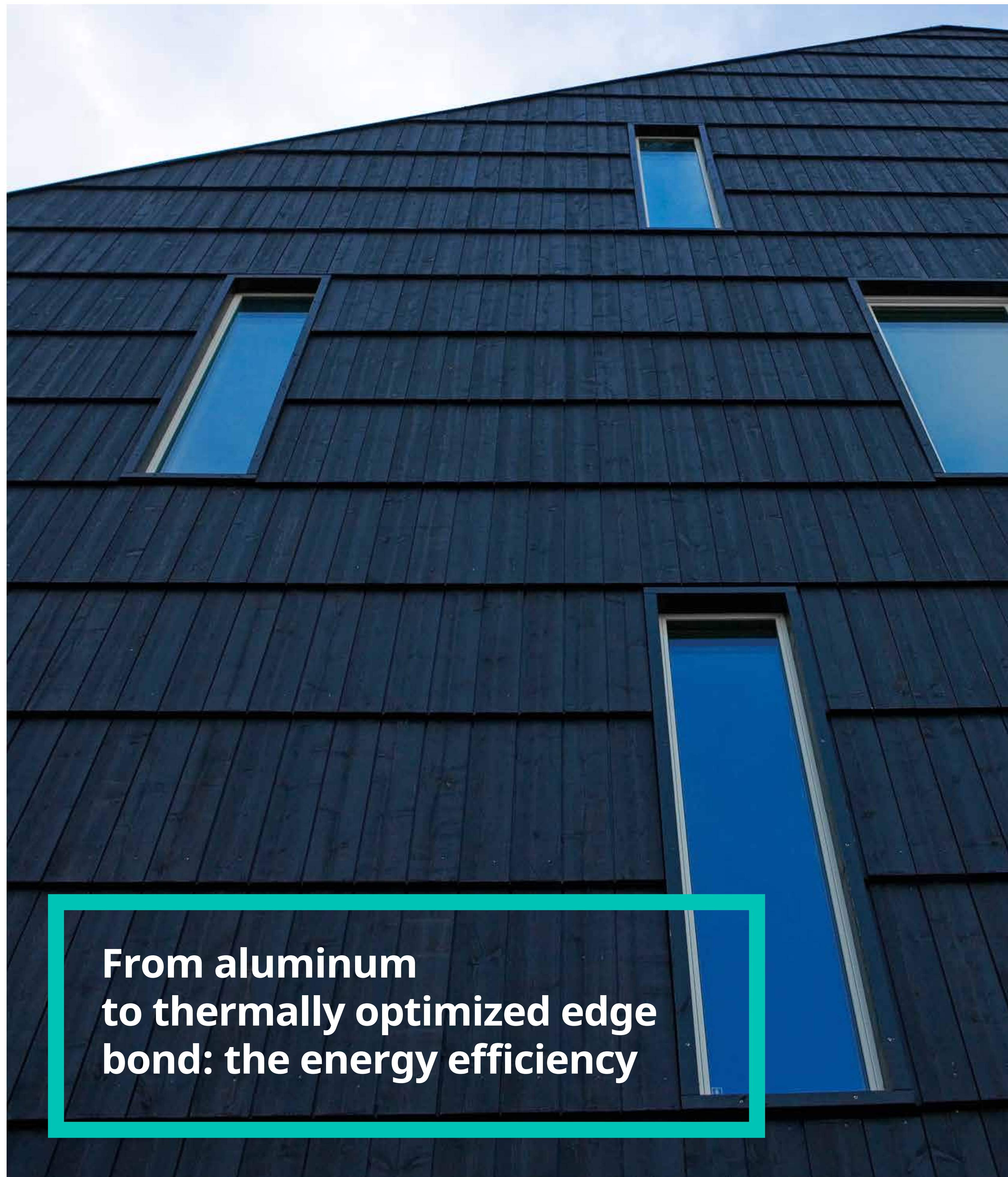
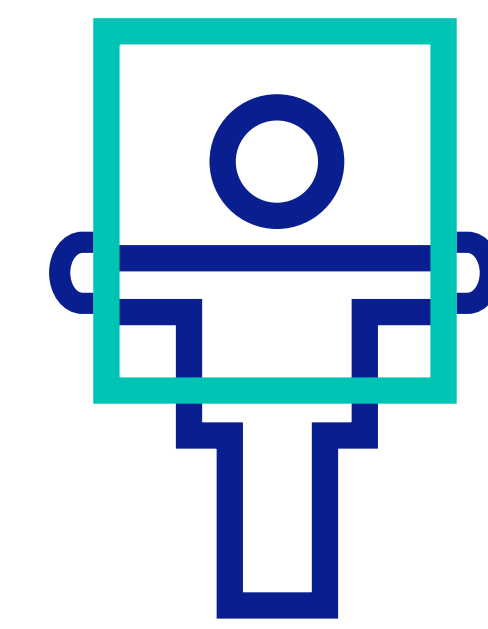


**Emerging markets:  
transition to the future  
of the edge bond**



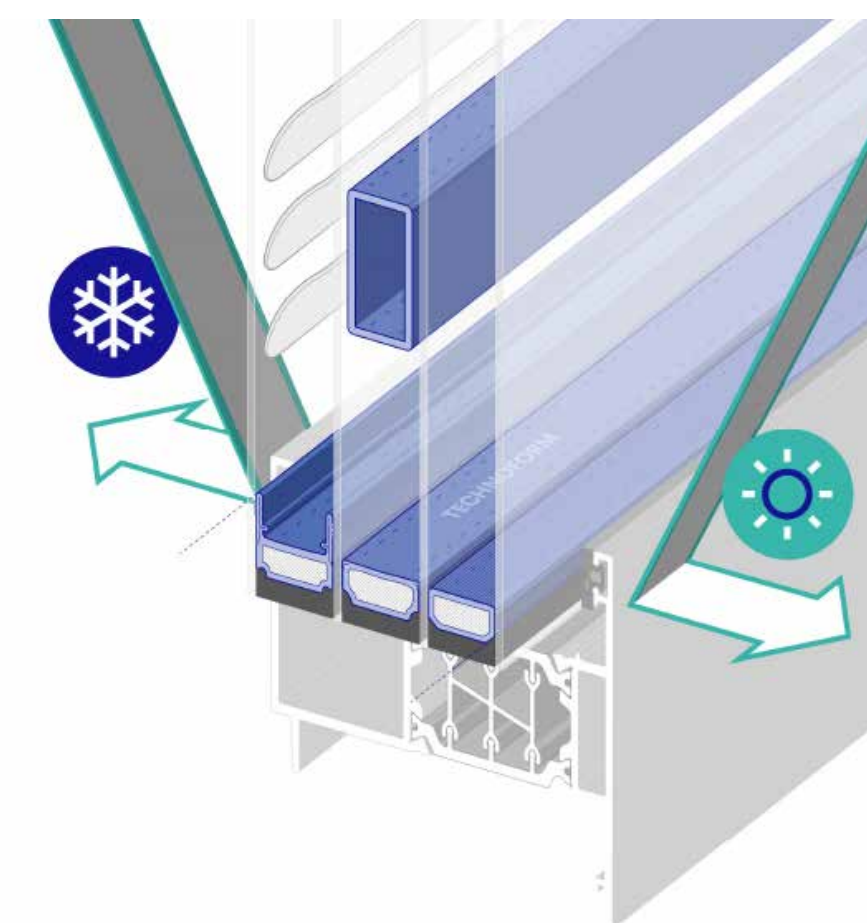
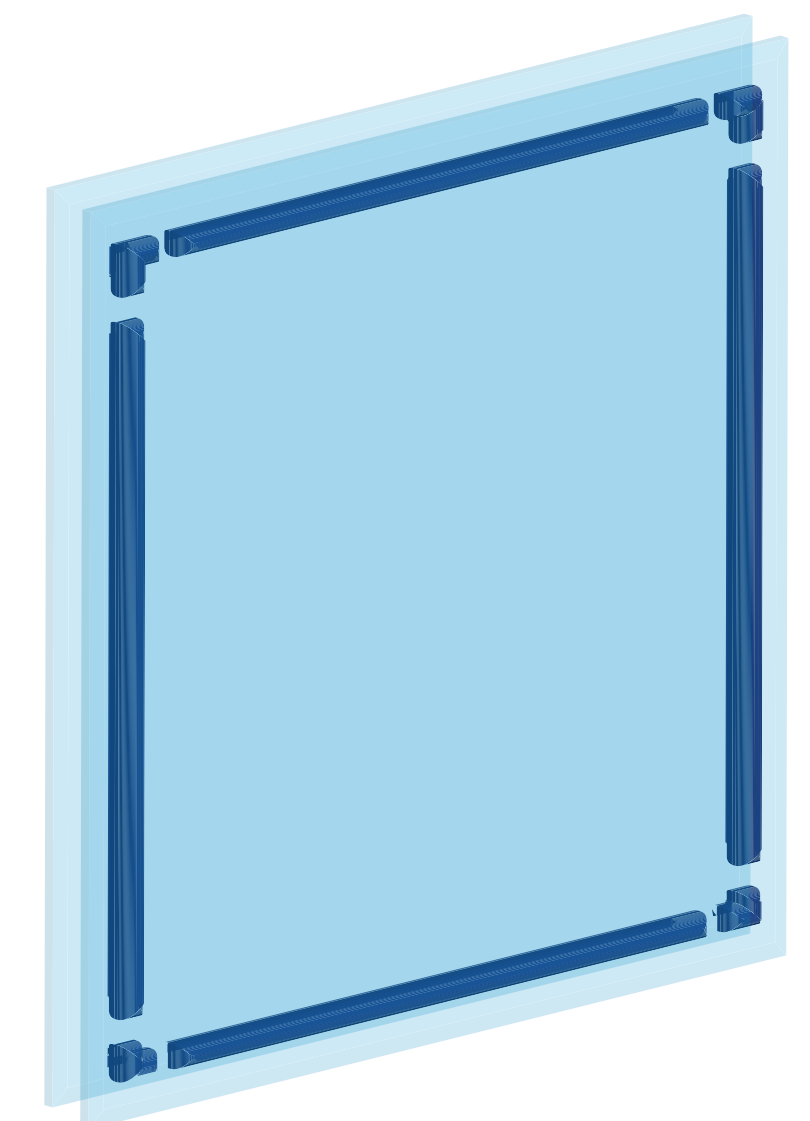
**From aluminum to thermally optimized edge bond: the energy efficiency**

In today emerging markets the need of transition to thermally optimized edge bond solution is highly required. Indeed, the market is characterized by an increased demand for improvement of energy efficiency in modern buildings, even with a low investment. The perfect solution starts from the study of the metal barrier by evaluating different available options and lead to the best choice to satisfy market requirements: a different inox steel grade able to assure the barrier, gaining ductility for shapes, and offering thermal insulation in the middle of warm edge field (0,50 W/mK).



Perfect for a small window system.

Especially designed for manufacturers who generally cut the profile, reaching a high aesthetics level.



It ensures the high insulation of the thermally improved edge bond and the durability of the finished system.

	Frame	Aluminum		PVC		Wood		Wood Aluminum	
		Aluminum	Technoform	Aluminum	Technoform	Aluminum	Technoform	Aluminum	Technoform
2IGU	ψ value [W/mK]	0.100	0.060	0.068	0.045	0.074	0.048	0.084	0.052
	U <sub>w</sub> [W/m²K]	1.52	1.41	1.30	1.24	1.37	1.31	1.40	1.32
3IGU	ψ value [W/mK]	0.100	0.056	0.068	0.044	0.078	0.048	0.09	0.052
	U <sub>w</sub> [W/m²K]	1.26	1.12	1.00	0.94	1.08	1.01	1.15	1.02

**Material:** Polypropylene, stainless steel

**Certifications:** UNI EN ISO 1279-2, 3 and 4 certified

# TECHNOFORM

Thermal edge bond solutions  
for insulating glass

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