





TGI[®]-Spacer M: Re-designing the world of the Warm Edge.

TECHNOFORM **GLASSINSULATION**







Introducing: The next stage of evolution

The M is the latest generation of TGI®-Spacer: the product of the innovative further development for the Warm Edge. By producing the M, TGI has met the "multiple" requirements that apply to modern spacer systems. The special features of the new generation TGI®-Spacer include optimised profile geometry, a design suitable for larger window units with patented wires for enhanced. Spacer M

is also avaible without wire to produce smaller or curved insulating glass units. A larger hollow chamber guarantees a safe two side filling with desiccant. In addition, less secondary sealant is required when sealing the profile.

TGI®-Spacer: colors* RAL 7035 | Light grey RAL 8016 | Dark brown RAL 7040 | Dark grey RAL 9005 | Black RAL 8003 | Light brown RAL 9016 | White

Article Width* Height TGI®-Spacer 8 mm 7,5 mm 7 mm TGI®-Spacer 10 mm 9,5 mm 7 mm	I GI [®] -Spacer: sizes					
TGI®-Spacer 8 mm 7,5 mm 7 mm TGI®-Spacer 10 mm 9,5 mm 7 mm		Article		Width* Height		
TGI®-Spacer 12 mm 11,5 mm 7 mm TGI®-Spacer 14 mm 13,5 mm 7 mm TGI®-Spacer 15 mm 14,5 mm 7 mm TGI®-Spacer 15 mm 14,5 mm 7 mm TGI®-Spacer 16 mm 15,5 mm 7 mm TGI®-Spacer 18 mm 17,5 mm 7 mm TGI®-Spacer 20 mm 19,5 mm 7 mm TGI®-Spacer 22 mm 21.5 mm 7 mm		TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer TGI®-Spacer	8 mm 10 mm 12 mm 14 mm 15 mm 16 mm 18 mm 20 mm 22 mm	7,5 mm 9,5 mm 11,5 mm 13,5 mm 14,5 mm 15,5 mm 19,5 mm 21,5 mm	7 mm 7 mm 7 mm 7 mm 7 mm 7 mm 7 mm 7 mm	



You can benefit from the following advantages:



Measurably more efficient

Windows and doors are increasingly becoming a determining factor when assessing the energy performance of a building. The heat transfer coefficient (Psi) of the TGI®-Spacer M was determined as part of a research project carried out by ift Rosenheim for the purpose of calculating equivalent heat conductivity. The result: the TGI®-Spacer M is measurably more efficient.

4 16 4	Equivalent thermal Representative ¥-value conductivity in W/(m K) in W/(m K)					
	Double glazing	J	Alu	Wood/alu	Wood	PVC
	Calculation	0,34	0,051	0,045	0,041	0,041
Double glazing U ₉ =1,1 W/m²K	Measurement	0,31	0,049	0,044	0,040	0,040

4 12 4 12 4	Equivalent the conductivity in	rmal I W/(m K)	Representative Ψ-value in W/(m K)				
	Triple glazing		Alu	Wood/alu	Wood	PVC	
	Calculation	0,34	0,046	0,043	0,040	0,039	
Triple glazing U _s =0,7 W/m² K	Measurement	0,31	0,044	0,042	0,039	0,038	

Calculation in accordance with EN ISO 10077-2: the calculation accuracy is \pm 0.003 W/(mK). Deviations of < 0.005 W/(mK) are not significant. Measurement in accordance with EN 12664: the measurement accuracy is 0.001 W/(mK).



Improved rigidity for increased productivity



A global presence...



- Manufacturing facility
- Sales office
- Partner

TECHNOFORM **GLASSINSULATION**



Technoform Glass Insulation Italia srl Viale Europa, 30 - 20090 Cusago (MI) Phone. +39 02 9016561 - Fax. +39 02 9019686

www.glassinsulation.it info@glassinsulation.it