



TRI MO TRIMOTERM

TRIMOTERM TECHNICAL SPECIFICATION

TRIMOTERM	BRAND, PRODUCT FAMILY, PRODUCT TYPE	RENDER	JOINT	MAX. ACHIAVABLE FIRE RESISTANCE [EN 14509]*										U THERMAL TRANSMITTANCE (W/M²K) [EN 14509]*										AIRBORNE SOUND INSULATION R _w [C;Ctr] [dB] EN 14509										WATER PERMEABILITY [EN 14509]										WEIGHT [Fe 0,55/0,5] [kg/m²]										REACTION TO FIRE [EN 13501-1]	COMBUSTIBILITY OF CORE MATERIAL [EN 13501-1]	WIDTH mm	LENGTH mm			
				PANEL THICKNESS (mm)										PANEL THICKNESS (mm)										PANEL THICKNESS (mm)										PANEL THICKNESS (mm)																										
				60	80	100	120	133	150	172	200	240	50	60	80	100	120	133	150	172	200	240	60	80	100	120	133	150	172	200	240	50	60	80	100	120	133	150	172	200	240	50	60	80	100	120	133	150	172	200	240									
POWER	T	FTV (façade panel with standard joint)			—	—	EI 120				EI 180						n/a	0,60	0,46	0,37	0,31	0,28	0,25	0,22	0,19	0,16	—										Class A (1200Pa)										n/a	14,4	16,2	18,0	19,8	21,0	22,5	24,5	27,0	30,6	A2-s1, d0 (not valid for PVC and PVCF coating)	Mineral wool non combustible Class A1 to EN 13501-1	up to 14 m	600-1200
		FTV HL (façade panel with hidden joint)			—	EI 30	EI 60	EI 120			EI 180	EI 240				—										30 [-1;-3]										n/a	14,6	16,4	18,2	20,0	21,2	22,7	24,7	27,2	30,8	600-1100														
		SNV (roof panel)			—	REI 30	REI 120			n/a	REI 120			n/a	n/a	0,59	0,45	0,37	0,31	n/a	0,25	0,22	0,19	n/a	—										Class B (900Pa)										n/a	n/a	15,7	17,5	19,3	21,1	n/a	23,9	25,9	28,4	n/a	1000				
	S	FTV (façade panel with standard joint)			EI 30	EI 60	EI 120				EI 180						0,77	0,66	0,51	0,41	0,35	0,31	0,28	0,25	0,21	0,18	30 [-2;-3]	31 [-2;-3]	32 [-1;-3]			32 [-1;-2]				Class A (1200Pa)										14,6	15,8	18,1	20,4	22,6	24,1	26,1	28,6	31,8	36,3	600-1200				
		FTV HL (façade panel with hidden joint)			EI 30	EI 60	EI 120				EI 180	EI 240				—										32 [-1;-3]										14,8	16,0	18,3	20,5	22,8	24,3	26,3	28,8	32,0	36,5	600-1100														
PERFORM	R	FTV (façade panel with standard joint)			—	EI 45	EI 120				EI 180						n/a	0,63	0,48	0,39	0,33	0,30	0,26	0,23	0,20	0,17	30 [-2;-3]	31 [-2;-3]	32 [-1;-3]			32 [-1;-2]				Class A (1200Pa)										n/a	15,0	17,0	19,0	21,0	22,3	24,0	26,2	29,0	33,0	A2-s1, d0 (not valid for PVC and PVCF coating)	Mineral wool non combustible Class A1 to EN 13501-1	up to 14 m	600-1200	
		FTV HL (façade panel with hidden joint)			—	EI 60	EI 120				EI 180	EI 240				—										32 [-1;-3]										n/a	15,2	17,2	19,2	21,2	22,5	24,2	26,4	29,2	33,2	600-1100														
		SNV (roof panel)			—	REI 30	REI 120			n/a	REI 120			n/a	n/a	0,64	0,49	0,39	0,33	n/a	0,27	0,23	0,20	n/a	32 [-1;-4]	33 [-1;-4]		n/a	33 [-1;-4]			n/a	Class B (900Pa)										n/a	n/a	16,3	18,3	20,3	22,3	n/a	25,3	27,6	30,3	n/a	1000						
	C	FTV (façade panel with standard joint)			EI 30	EI 60	EI 120				EI 180	EI 240				0,75	0,64	0,49	0,40	0,33	0,30	0,27	0,24	0,20	0,17	30 [-2;-3]	31 [-2;-3]	32 [-1;-2]			32 [-1;-3]				Class A (1200Pa)										14,9	16,1	18,5	20,9	23,3	24,9	27,0	29,7	33,0	37,8	600-1200					
		FTV HL (façade panel with hidden joint)			EI 30	EI 60	EI 120				EI 180	EI 240				—										32 [-1;-3]										15,1	16,3	18,7	21,1	23,5	25,1	27,1	29,8	33,2	38,0	600-1100														
SNV (roof panel)			—	REI 60	REI 120			n/a	REI 180			n/a	n/a	0,65	0,50	0,40	0,34	n/a	0,27	0,24	0,21	n/a	32 [-1;-4]	33 [-1;-4]		n/a	33 [-1;-4]			n/a	Class B (900Pa)										n/a	n/a	17,5	19,9	22,3	24,7	n/a	28,3	31,0	34,3	n/a	1000								
SOUND	R	FTV (façade panel with standard joint)			perforated inner side										n/a	0,63	0,48	0,39	0,33	0,30	0,26	0,23	0,20	0,17	30 [-2;-3]	31 [-2;-3]	32 [-1;-3]			32 [-1;-2]				n/a										13,4	14,4	16,4	18,4	20,4	22	23,4	25,6	28,4	32,4	Bs1d0	Mineral wool non combustible Class A1 to EN 13501-1	up to 14 m	1000			
		FTV HL (façade panel with hidden joint)			npd										—										SOUND ABSORPTION; α _w = 0,85										13,5	14,5	16,5	18,5	20,5	22,1	23,5	25,8	28,5	32,6	1000															
		SNV (roof panel)			perforated inner side										n/a	0,64	0,49	0,39	0,33	n/a	0,27	0,23	0,20	n/a	32 [-1;-4]	33 [-1;-4]		n/a	33 [-1;-4]			n/a	SOUND ABSORPTION; α _w = 0,85										n/a	15,5	17,6	19,6	21,6	n/a	24,6	26,8	29,6	n/a	1000							

*REQUEST FOR FIRE RESISTANCE MUST BE CLEARLY SPECIFIED BY CUSTOMER. EXACT FIRE RATING WITH REGARDS TO SYSTEM, ORIENTATION AND SPAN CAN BE FOUND UNDER THE CERTIFICATION SUBPAGE ON TRIMO WEB PAGE:
<https://www.trimo-group.com/en/downloads/certificates-and-data-sheets/certificates>

* VALUES VALID ONLY FOR FEATURED APPLICATION
 IN THE CENTRE OF PANEL

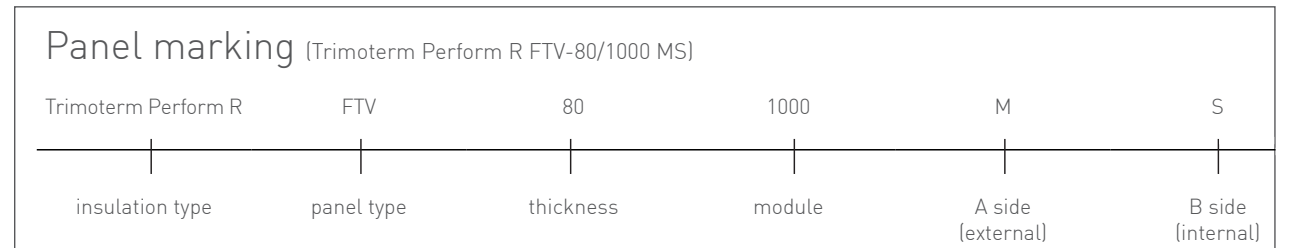
BRAND, PRODUCT FAMILY, PRODUCT TYPE		CERTIFICATES		PROFILE TYPE - EXTERNAL		PROFILE TYPE - INTERNAL			
TRIMOTERM	POWER	T	FTV (façade panel with standard joint)		G	SMOOTH PROFILE (G)	G	SMOOTH PROFILE (G)	
		T	FTV HL (façade panel with hidden joint)		M	MICRO-LINED PROFILE (M)	S	S - PROFILE (S)	
		S	SNV (roof panel)		M3	MICRO-LINED PROFILE (M3)	M2	MICRO-LINED PROFILE (M2)	
	PERFORM	R	S	FTV (façade panel with standard joint)		M8	MICRO-LINED PROFILE (M8)	M8	MICRO-LINED PROFILE (M8)
			R	FTV HL (façade panel with hidden joint)		S	S - PROFILE (S)	V	V - PROFILE (V)
			S	SNV (roof panel)		V	V - PROFILE (V2)	V2	V - PROFILE (V2)
C		S	FTV (façade panel with standard joint)		V	V - PROFILE (V)	V2	V - PROFILE (V2)	
		R	FTV HL (façade panel with hidden joint)		S	S - PROFILE (PERFORATED)	PERFORATED	ONLY FOR TRIMOTERM SOUND R	
		S	SNV (roof panel)		T	TRAPEZOID PROFILE			
SOUND	R	S	FTV (façade panel with standard joint)						
		R	FTV HL (façade panel with hidden joint)						
		S	SNV (roof panel)						

G, M, M3, M8, S, V, V2, TRAPEZOID

G, S, M2, M8, V, V2, S (PERFORATED)

The arrangement of V profile typically starts in the middle (centred) of the FTV panel module. Module end, groove and the distance from the panel edge depends on FTV panel module and may vary. Any other V profile arrangements are declared as non-standard and a subject of individual order.

PANEL MARKING



SPECIFICATION TEXT:
Trimoterm Perform R FTV-80/1000 MS
external: 0,55 mm SP 25 µm ANTHRACITE
internal: 0,50 mm SP 25 µm GREY WHITE

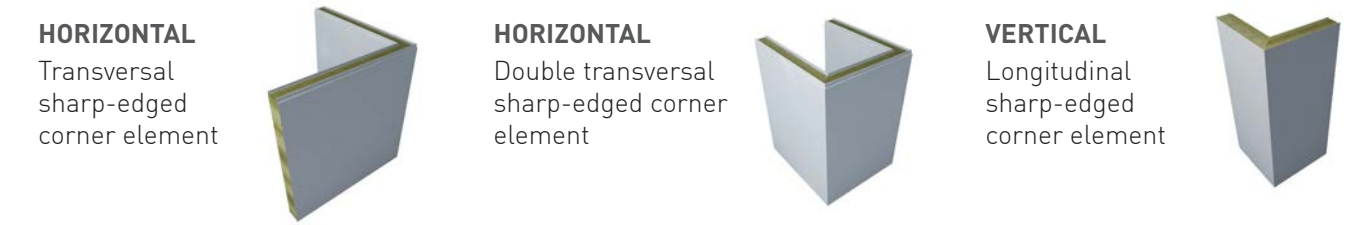
COLOURS

WHITE (R9010)		SILVER (R9006)	
GREY WHITE (R9002)		DARK SILVER (R9007)	
CREAM (R1015)		TRAFFIC RED (R3020)	
LIGHT GREY (R7035)		MOSS GREEN (R6005)	
AGATE GREY (R7038)		GENTIAN BLUE (R5010)	
TELE GREY 2 (R7046)		ANTHRACITE (R7016)	

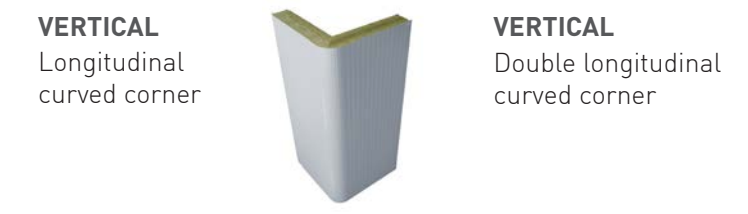
Colours may slightly deviate due to different monitors and prints compared to original colours. Trimo can send you a metal swatch upon request.

CORNER ELEMENTS

SHARP-EDGED CORNER ELEMENTS



ROUNDED CORNER ELEMENTS



SEGMENTED PANELS



COMPANY PROFILE

Trimo is a one of the leading European companies developing original and complete **building envelope solutions** in the areas of fire-proof **façades** and **roofs**. Located in Trebnje, Slovenia, Trimo sells products and services under its own brand across more than 100 countries worldwide and has a sales network in almost 30 countries. We are a **reliable, trustworthy** global supplier of **innovative**, flexible, energy-efficient and environmentally friendly architectural building solutions.

Our customers are at the heart of our operations as we deeply understand their needs and provide them with the highest level of service and product quality. The list of outstanding and reputable **partners** such as Airbus, London Heathrow, Nestle, Philips, DHL, Porsche, IKEA, Prologis, Mercedes Benz, Coca Cola and many others is a true reflection of our **passion, responsibility** and commitment to our work.



Mitglied des:

IFBS Industrieverband
für Bausysteme
im Metalleichtbau



TRIMO

TRIMO D.O.O.

PRIJATELJEVA CESTA 12,
8210 TREBNJE, SLOVENIA

T: +386 (0)7 34 60 200

F: +386 (0)7 34 60 127

TRIMO@TRIMO-GROUP.COM

WWW.TRIMO-GROUP.COM

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