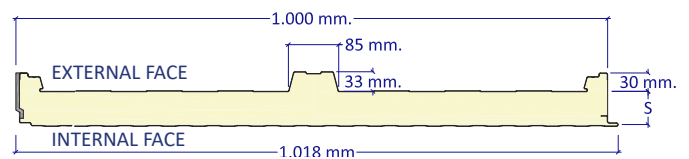


### GENERAL DESCRIPTION

Metcover TJ G3 self-supporting sandwich panels consist of a steel sheet on both faces with a core of polyurethane or polyisocyanurate foam that provides great thermal insulation.

They are designed to enclose sloping roofs with a minimum slope of 3% in roofs without overlap, and 6% in roofs with overlap.

### PANEL SECTION



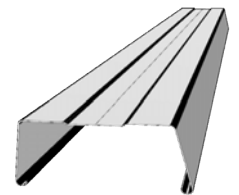
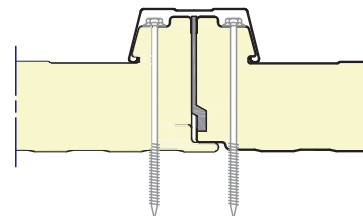
### PRODUCTION SPECIFICATIONS

Useful width	1.000 mm.
Maximum length	18.500 mm.
Internal finishing	Ribed   Striped   Flat
Steel coatings	PE   PVDF   PVC   HDX   PET   Others
Aluminum coatings	PES   PESHD   PUPA   PVDF   LOW   Others

### PANEL JOINT

Hidden fixation

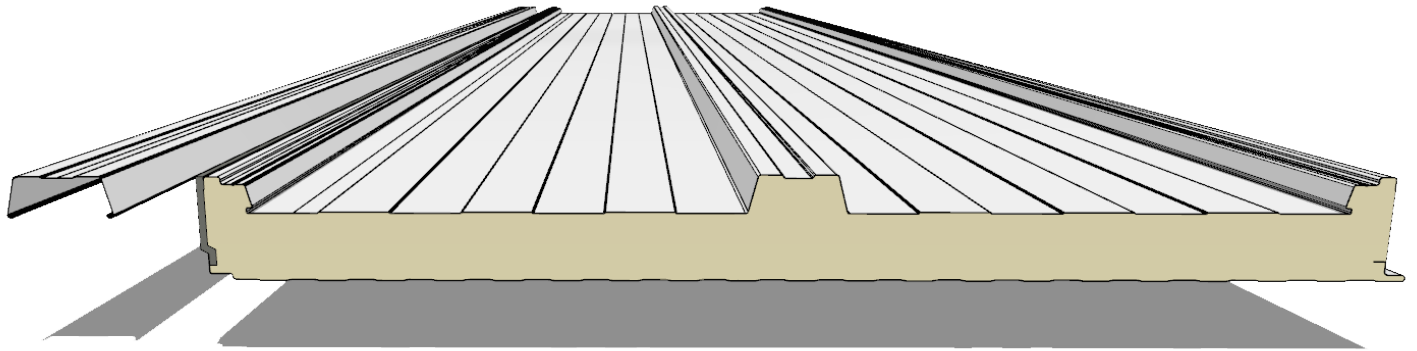
Cover flashing



### MAXIMUM ALLOWABLE SPANS

Maximum length recommends between supports (m.) accordance with the uniformly distributed load (daN/m<sup>2</sup>).

PANEL THICKNESS (mm)	WEIGHT (kg/m <sup>2</sup> )	THERMAL TRANSMITTANCE U (W/m <sup>2</sup> K)		ALLOWABLE SPANS L (m) MULTIPLE SUPPORTS								ALLOWABLE SPANS L (m) TWO SUPPORTS							
		with JOINT FACTOR	without JOINT FACTOR	OVERLOAD P (daN/m <sup>2</sup> )								OVERLOAD P (daN/m <sup>2</sup> )							
				60	80	100	120	150	200	250	60	80	100	120	150	200	250		
0,40+0,40	30	6,78	0,74	0,68	2,97	2,60	2,34	2,15	1,93	1,69	1,51	2,52	2,20	1,98	1,82	1,64	1,42	1,28	
	40	7,18	0,57	0,52	3,24	2,84	2,56	2,35	2,12	1,85	1,66	2,95	2,59	2,33	2,14	1,92	1,67	1,50	
	50	7,58	0,46	0,42	3,51	3,08	2,78	2,55	2,30	2,00	1,80	3,37	2,96	2,67	2,45	2,20	1,91	1,72	
	60	7,99	0,38	0,35	3,76	3,31	2,98	2,74	2,47	2,15	1,94	3,77	3,31	2,98	2,74	2,46	2,14	1,92	
	80	8,79	0,29	0,27	4,23	3,72	3,36	3,09	2,79	2,43	2,19	4,50	3,95	3,56	3,27	2,95	2,57	2,31	
	100	9,60	0,24	0,22	4,66	4,10	3,71	3,41	3,08	2,69	2,42	5,15	4,53	4,09	3,76	3,39	2,95	2,65	
	120	10,40	0,20	0,18	5,02	4,42	4,00	3,68	3,32	2,90	2,62	5,78	5,09	4,60	4,22	3,80	3,32	2,98	
0,50+0,40	30	7,66	0,74	0,68	3,31	2,90	2,62	2,40	2,16	1,88	1,69	3,32	3,04	2,83	2,67	2,49	2,18	1,95	
	40	8,07	0,57	0,52	3,59	3,15	2,84	2,61	2,35	2,05	1,84	3,79	3,47	3,24	3,05	2,84	2,56	2,30	
	50	8,47	0,46	0,42	3,87	3,40	3,07	2,82	2,54	2,22	1,99	4,24	3,89	3,63	3,42	3,18	2,90	2,63	
	60	8,87	0,39	0,35	4,14	3,64	3,29	3,02	2,72	2,38	2,14	4,68	4,29	4,00	3,78	3,51	3,20	2,95	
	80	9,68	0,29	0,27	4,65	4,09	3,70	3,40	3,07	2,68	2,41	5,50	5,04	4,71	4,44	4,13	3,76	3,46	
	100	10,48	0,24	0,22	5,11	4,50	4,07	3,75	3,38	2,96	2,67	6,26	5,74	5,36	5,06	4,71	4,25	3,81	
	120	11,29	0,20	0,18	5,54	4,89	4,43	4,07	3,68	3,22	2,90	7,01	6,43	6,00	5,67	5,27	4,80	4,37	



### REACTION TO FIRE

Classification B-s1,d0	EN 13501-1
Classification B-s2,d0	EN 13501-1
Classification F	EN 13501-1

### PRODUCT CERTIFICATIONS

CE Marking	EN 14509
Certificate of conformity	Data Sheet

### APPLICATIONS

