

G4 Monorooft[®] Centesimal

Profiled PUR-insulated roof system, slope $p \geq 7\%$

PRODUCED IN:
ITALY
SPAIN



Self-supporting metal panel, insulated with PUR-insulation, for pitched roofs with a minimum slope of 7%.
The internal side of the panel has a surface finish made from Centesimal Aluminium.

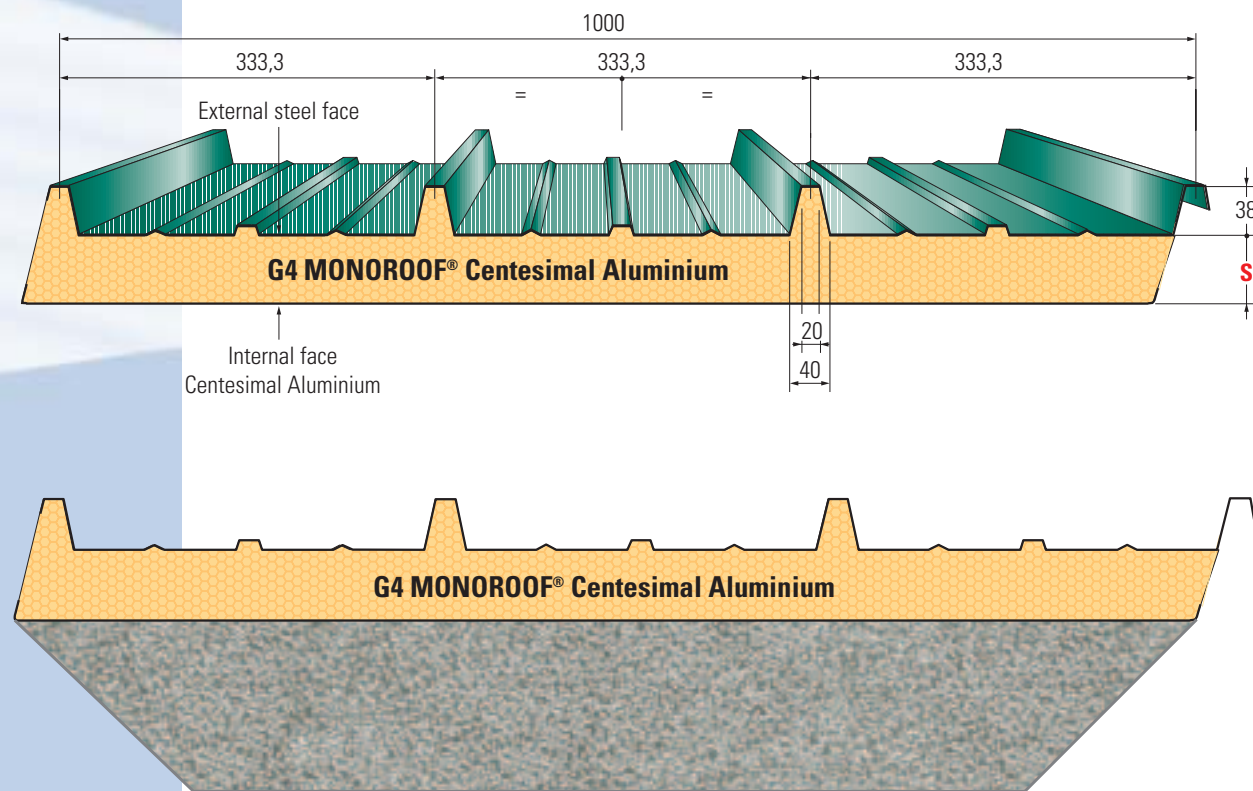


Table of safe spans

The spans l in metres, as a function of a uniformly distributed overload p (daN/m²), have been calculated to provide a deflection $f \leq l/200$ considering only the sheet as the resisting cross-section (the contribution of the polyurethane has not been taken into account) in accordance with standard UNI CNR - 10022/84 and the AIPPEG design guidelines.
Data for the 0.5 mm thickness sheet has been obtained from laboratory tests.

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S mm	K		Panel weight kg/m ²		Sheet Thickness mm																
	Kcal m ² h °C	Watt m ² °C	0,5	1,0		p = (daN/m ²)								p = (daN/m ²)							
						80	100	120	150	200	250	300	80	100	120	150	200	250	300		
15*	0,84	0,97	5,47	10,24	0,45	$l =$	2,07	1,85	1,69	1,50	1,31	1,18	1,08	2,01	1,88	1,76	1,59	1,38	1,23	1,13	
30	0,51	0,59	6,04	10,81	0,5	$l =$	2,07	1,85	1,69	1,50	1,31	1,18	1,08	2,01	1,88	1,76	1,59	1,38	1,23	1,13	
40	0,40	0,46	6,42	11,19	0,6	$l =$	2,40	2,16	1,96	1,75	1,52	1,37	1,24	2,18	2,01	1,91	1,76	1,52	1,38	1,24	
50	0,33	0,38	6,80	11,57	0,8	$l =$	3,00	2,69	2,45	2,20	1,90	1,70	1,55	2,47	2,30	2,17	2,00	1,83	1,67	1,52	
60	0,28	0,33	7,18	11,95	1,0	$l =$	3,31	3,04	2,79	2,49	2,17	1,94	1,76	2,68	2,48	2,34	2,18	1,97	1,84	1,71	
80	0,22	0,25	7,94	12,71	1,0	$l =$	3,42	3,05	2,79	2,49	2,17	1,94	1,76	2,68	2,48	2,34	2,18	1,97	1,84	1,71	

*Monorooft L

Values in red have no deflection limits.

