

# G4 MonorooF® Feltpaper

Flat insulated roof system, slope  $p \geq 1\%$  to be waterproofed on site

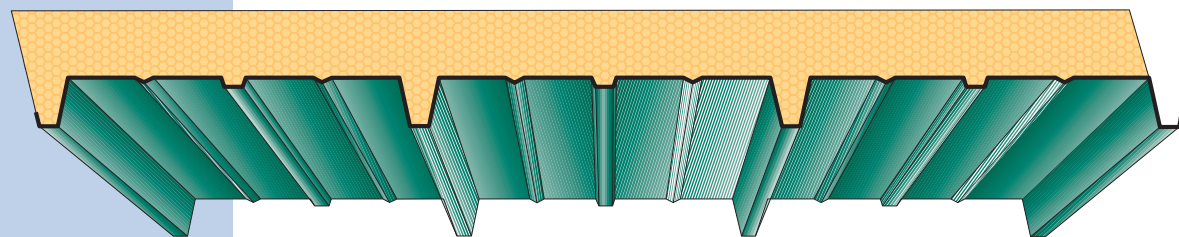
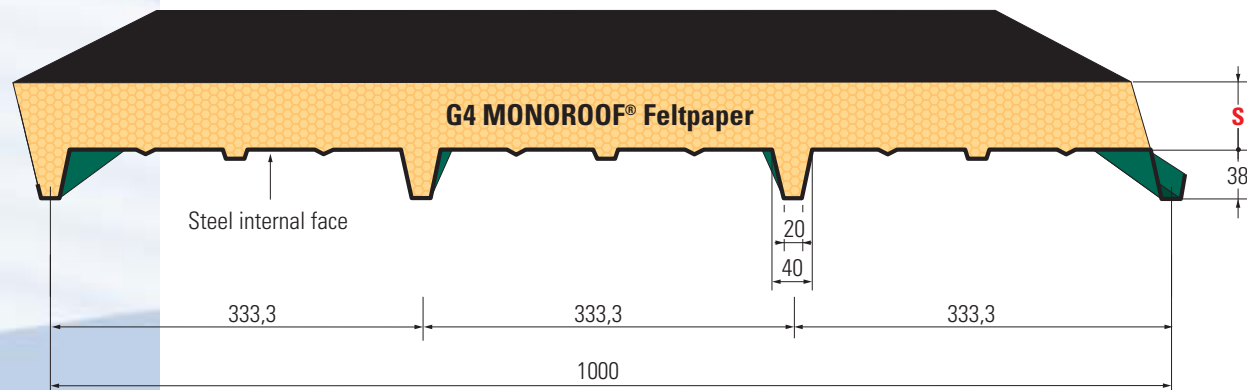
PRODUCED IN:  
ITALY  
SPAIN



Self-supporting metal panel, insulated with polyurethane, for flat and pitched roofs, to be weather-proofed on site. The external side of the panel has a base covering in bitumenised feltpaper for the application of waterproofing linings.



Laying direction



## Table of safe spans

The spans  $l$  in metres, as a function of a uniformly distributed overload  $p$  (daN/m<sup>2</sup>), 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.

### MONOROOF® A38

S mm	K		Panel weight kg/m <sup>2</sup>		Sheet Thickness mm	P = (daN/m <sup>2</sup> )							P							
	Kcal m <sup>2</sup> h °C	Watt m <sup>2</sup> °C	0,5	1,0		80	100	120	150	200	250	300	80	100	120	150	200	250	300	
30	0,51	0,59	6,04	10,81	0,5	<i>l</i> =	1,96 2,42	1,82 2,17	1,72 1,97	1,60 1,76	1,45 1,53	1,35 1,38	1,25	1,60 1,85	1,47 1,66	1,40 1,50	1,29 1,36	1,16 1,18	1,05	0,97
40	0,40	0,46	6,42	11,19	0,6	<i>l</i> =	2,16 2,69	1,99 2,41	1,89 2,20	1,74 1,97	1,60 1,71	1,47 1,53	1,38 1,40	1,74 2,16	1,63 1,93	1,52 1,75	1,43 1,58	1,29 1,37	1,19 1,22	1,11 1,13
50	0,33	0,38	6,80	11,57	0,8	<i>l</i> =	2,56 3,27	2,38 2,94	2,23 2,69	2,08 2,41	1,90 2,08	1,75 1,87	1,65 1,70	2,08 2,69	1,93 2,40	1,82 2,19	1,69 1,96	1,53 1,70	1,43 1,52	1,35 1,40
60	0,28	0,33	7,18	11,95	1,0	<i>l</i> =	2,84 3,69	2,64 3,30	2,48 3,01	2,30 2,70	2,10 2,34	1,95 2,10	1,84 1,92	2,29 3,06	2,14 2,73	2,00 2,49	1,87 2,23	1,70 1,94	1,58 1,73	1,48 1,59

Values in red have no deflection limits.

