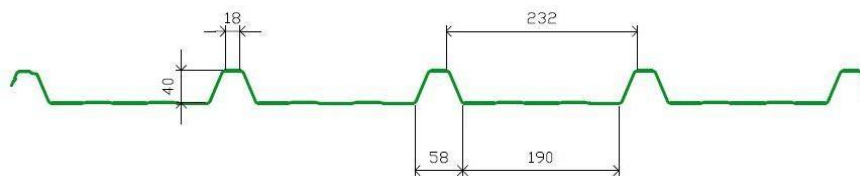
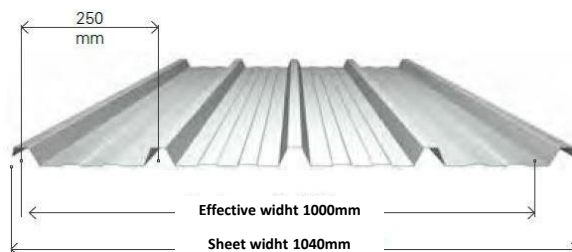


Metaplak40

**PROFILE
H 40
5-250**



STEEL AND ALUZINC	s [mm]	p [kg/m ²]	J [cm ⁴ /m]	W [cm ³ /m]
	0,6	6,00	12,56	6,09
	0,7	6,80	14,64	7,10
	0,8	8,00	16,70	8,10
	1,0	10,00	20,82	10,10

ALUMINIUM	s [mm]	p [kg/m ²]	J [cm ⁴ /m]	W [cm ³ /m]
	0,6	1,98	12,50	6,09
	0,7	2,31	14,64	7,10
	0,8	2,64	16,60	8,10
	1,0	3,30	20,80	10,10

Legend:

s Sheet thickness

p Unit weight

J Moment of inertia

W Modulus of flexural strength



STEEL AND ALUZINC		s nominal thickness [mm]	Distance between supports l [m]											
			1,00	1,25	1,50	1,75	2,00	2,25	2,5	2,75	3,00	3,25	3,50	3,75
	2 supports p [daN/m ²]	0,60	500	317	220	160	119	81	-	-	-	-	-	-
		0,70	797	507	343	213	141	96	68	-	-	-	-	-
		0,80	1020	650	391	243	161	110	78	56	-	-	-	-
		1,00	1260	810	487	303	200	137	97	70	52	-	-	-
		s nominal thickness [mm]	Distance between supports l [m]											
			1,00	1,25	1,50	1,75	2,00	2,25	2,5	2,75	3,00	3,25	3,50	3,75
	3 supports p [daN/m ²]	0,60	351	255	195	155	126	104	88	75	-	-	-	-
		0,70	436	316	241	191	155	128	108	92	79	-	-	-
		0,80	524	380	290	229	185	154	129	110	95	-	-	-
		1,00	710	514	391	308	250	206	174	148	127	107	84	66
		s nominal thickness [mm]	Distance between supports l [m]											
			1,00	1,25	1,50	1,75	2,00	2,25	2,5	2,75	3,00	3,25	3,50	3,75
	4 supports p [daN/m ²]	0,60	421	308	237	188	153	127	107	82	-	-	-	-
		0,70	524	381	293	232	189	157	133	100	75	-	-	-
		0,80	631	460	351	279	227	189	155	114	86	66	-	-
		1,00	860	624	476	377	306	254	177	143	107	82	64	50

ALUMINIUM		s nominal thickness [mm]	Distance between supports l [m]						
			1,00	1,25	1,50	1,75	2,00	2,25	2,5
	2 supports p [daN/m ²]	0,60	302	151	82	-	-	-	-
		0,70	360	180	99	58	-	-	-
		0,80	415	200	116	68	-	-	-
		1,00	530	268	150	89	55	-	-
		s nominal thickness [mm]	Distance between supports l [m]						
			1,00	1,25	1,50	1,75	2,00	2,25	2,5
	3 supports p [daN/m ²]	0,60	245	173	127	96	74	-	-
		0,70	306	214	150	119	92	67	-
		0,80	333	236	175	134	105	71	-
		1,00	487	339	248	187	147	102	71
		s nominal thickness [mm]	Distance between supports l [m]						
			1,00	1,25	1,50	1,75	2,00	2,25	2,5
	4 supports p [daN/m ²]	0,60	300	212	156	96	74	-	-
		0,70	370	262	194	120	76	-	-
		0,80	400	288	215	140	90	-	-
		1,00	590	418	295	181	115	77	-

The load capacities were calculated with reference to a deflection equal to 1/200 of the distance between supports. Application verification should be referred to the designer of the work. Complies with NTC 2018-EN1993-1-3.

