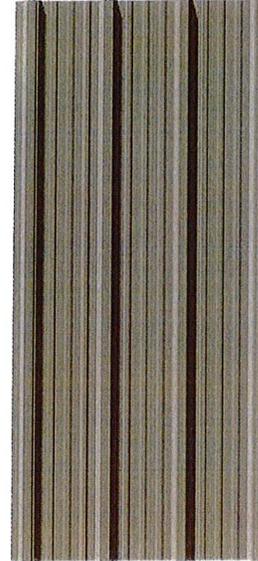
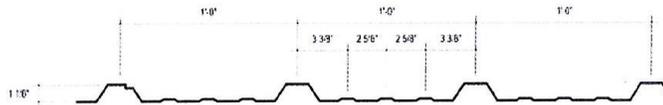


## CLADDING - A1

**FULL 36" COVERAGE**

**CUSTOM LENGTHS AVAILABLE**

**IDEAL FOR ROOFING AND SIDING APPLICATIONS**



THICKNESS		YIELD (KSI)	ALLOWABLE LOAD (PSF) FOR 3 CONTINUOUS SPANS									
GAUGE	INCHES			3'-0	3'-6	4'-0	4'-6	5'-0	5'-6	6'-0	6'-6	7'-0
28	0.016	50	Bending	101	74	57	45	36	30	25	22	18
			Deflection L/180	S.L.	-	-	-	-	-	-	-	-
26	0.021	50	Bending	146	107	82	65	53	44	37	-	-
			Deflection L/180	-	-	-	-	-	-	-	31	25
24	0.025	50	Bending	184	135	104	82	66	55	-	-	-
			Deflection L/180	-	-	-	-	-	-	46	37	29

THICKNESS		YIELD (KSI)	ALLOWABLE LOAD (PSF) FOR 3 CONTINUOUS SPANS									
GAUGE	INCHES			3'-0	3'-6	4'-0	4'-6	5'-0	5'-6	6'-0	6'-6	7'-0
28	0.016	80	Bending	150	110	84	67	-	-	-	-	-
			Deflection L/180	-	-	-	-	51	38	30	24	19
26	0.021	80	Bending	215	158	121	-	-	-	-	-	-
			Deflection L/180	-	-	-	94	68	51	40	31	25
24	0.025	80	Bending	269	198	151	-	-	-	-	-	-
			Deflection L/180	-	-	-	110	80	60	46	37	29

\* For one simple span, first rows (bending) should be factored by 0.8 and second rows (deflection) factored nominally by 0.53 (with considering that the effective moment inertia  $I_{\text{red}}$  is decreasing during the increasing of the stress at edge to flange, the safety factor is to be increased 0.45~0.50).

I. Specific loading figures are shown in appropriate row that governs design (bending or deflection).