



LOCATE US



المجد للصناعات المعدنية ذ.م.م
AL MAJED METAL INDUSTRY LLC



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QUALITY MANUFACTURING
WE DO MORE WITH METAL

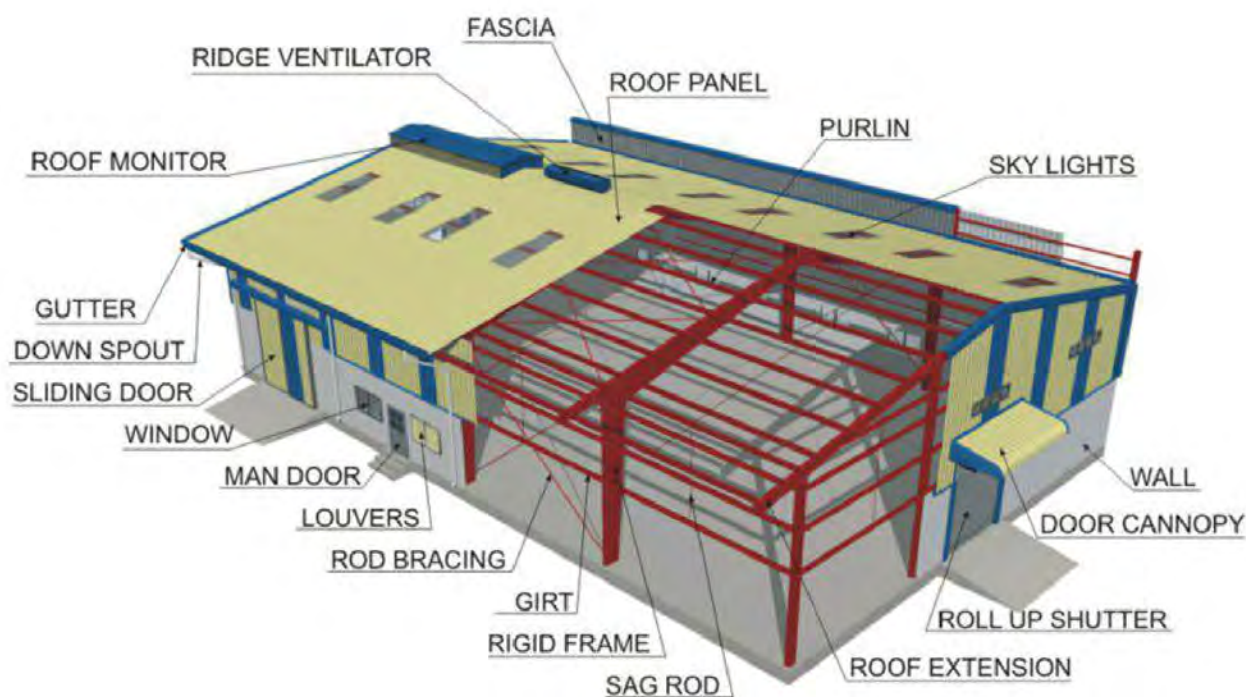
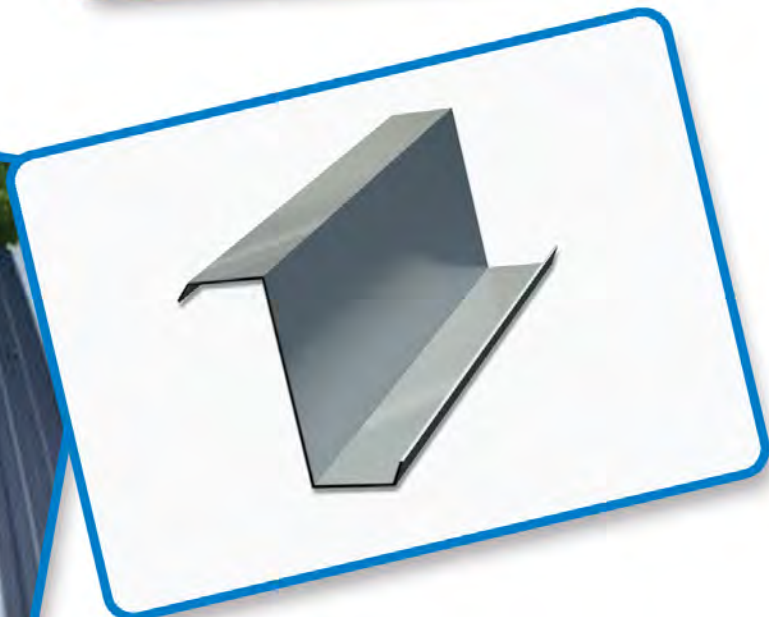
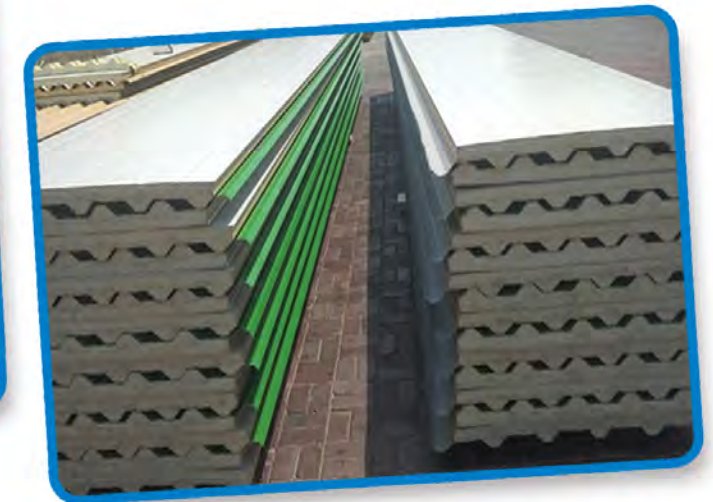
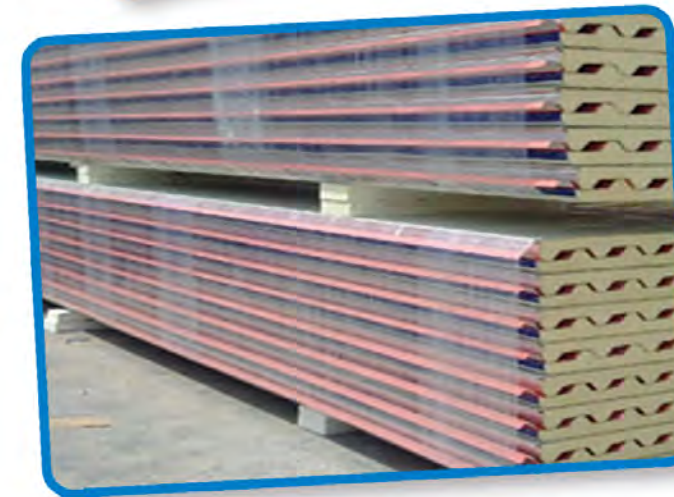
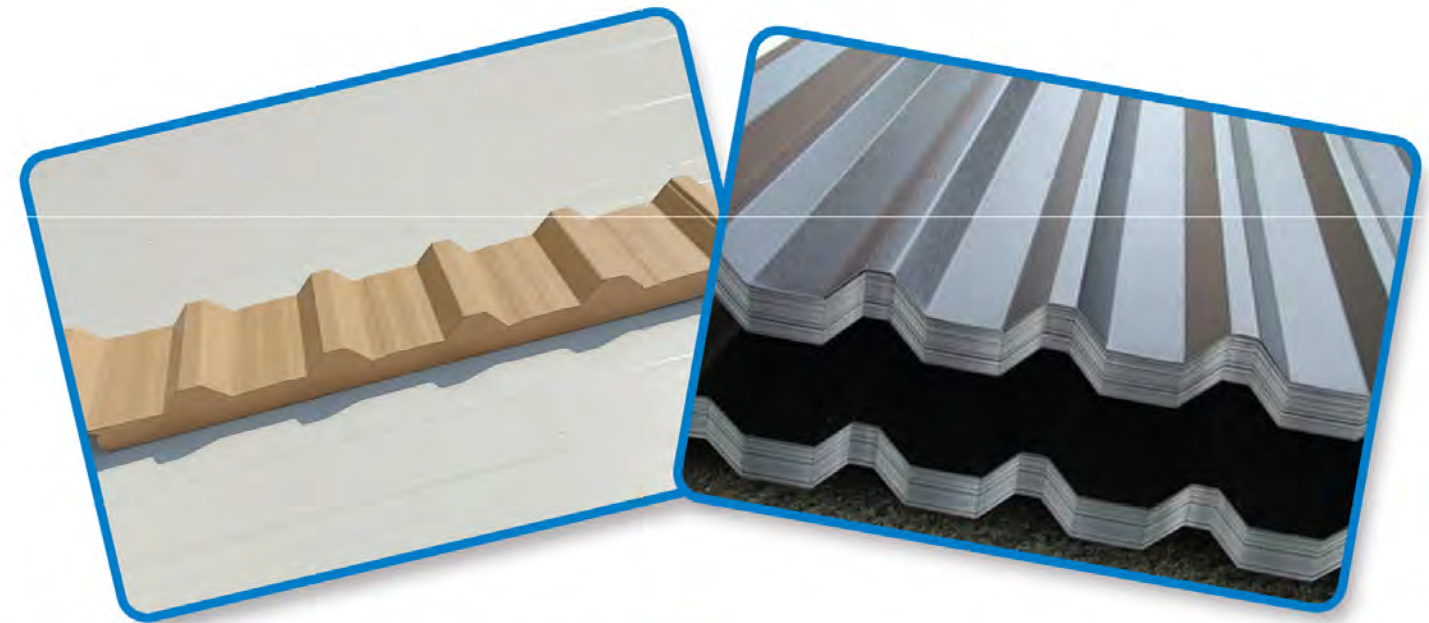
COMPANY PROFILE

Wishing you a flourishing business & bright future we may introduce our selves to you, we **AL MAJED METAL INDUSTRY LLC** are a UAE based company representing our products. Established in 2010 in Ajman, U.A.E. as Metal profile Sheet & Sandwich Panel manufacturing company.

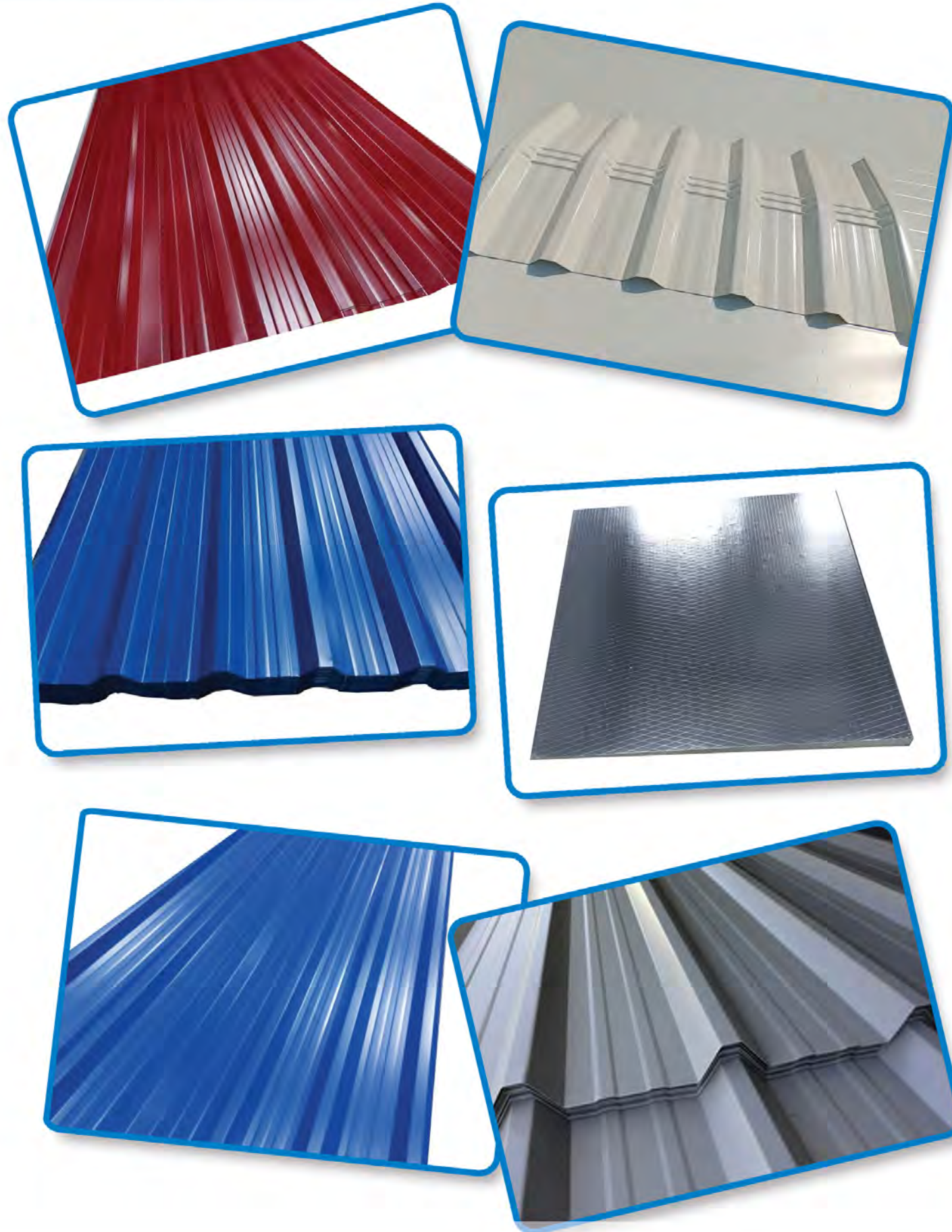
Wishing you a flourishing business & bright future we may introduce our selves to you, we **AL MAJED METAL INDUSTRY LLC** are a UAE based company representing our products. Established in 2010 in Ajman, U.A.E. as Metal profile Sheet & Sandwich Panel manufacturing company.

Our steady ascent has spiraled with the formalization of the United Arab Emirates. We are now proud to keep pace with a country racing ahead.

The company's aim is always to work to the very high standards we are operating overseas markets also. **AL MAJED METAL INDUSTRY LLC** uses hi-tech procedures in of its production techniques that meets the high international quality standards which consequently meets all the needs of the up to date production requirements. Along with best quality plant, machinery, equipment, we operate with a qualified and skilled work force. We have a team of dedicated, conscientious and hard working personnel and it is for these reasons that **AL MAJED METAL INDUSTRY LLC** thrives today as one of the leaders in metal profile.

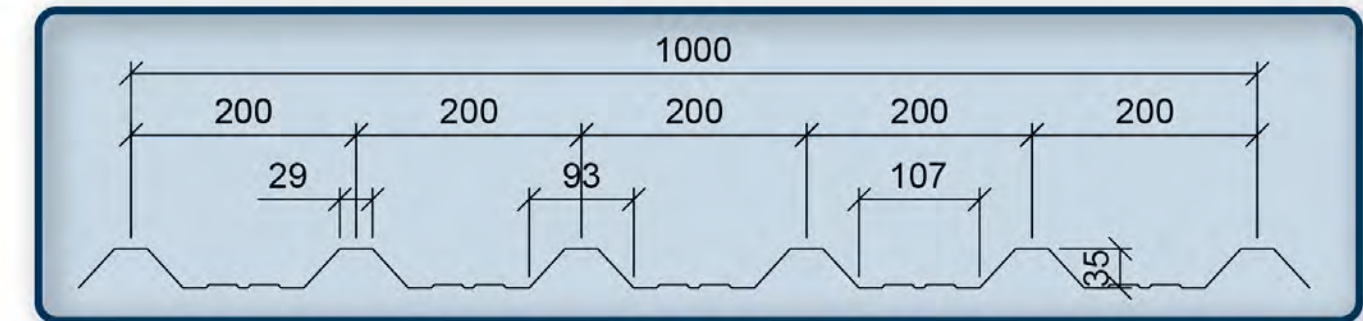


PRODUCT GALLERY



PROPERTIES & LOAD TABLES:

MMI-35/200 ALUMINIUM PROFILE



APPLICATION SPECIFICATION

- Roof & Wall Cladding
- Polyester coating paint applied is 20 microns
- Based Material confirms to Alloy AA 3105 temper H46
- Color RAL color, subject to availability
- Sheets available in polyester coated, PVDF coated subject to availability.
- Yield Strength 180 N/ mm².

Section Properties (per meter of coverage & width)

Thickness	Weight	Area	Top In Compression				Bottom In Compression				Shear
mm	kg/m ²	cm ²	ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	Va KN
0.50	1.653	6.095	8.855	3.601	8.236	0.388	4.657	4.657	4.682	0.502	5.099
0.70	2.313	8.533	14.564	6.358	11.589	0.685	6.623	6.623	7.284	0.714	12.814
0.90	2.976	10.971	19.713	8.793	14.949	0.948	8.590	8.590	10.155	0.926	16.640
1.00	3.307	12.190	22.293	10.015	16.618	1.079	9.571	9.571	11.686	1.032	18.380

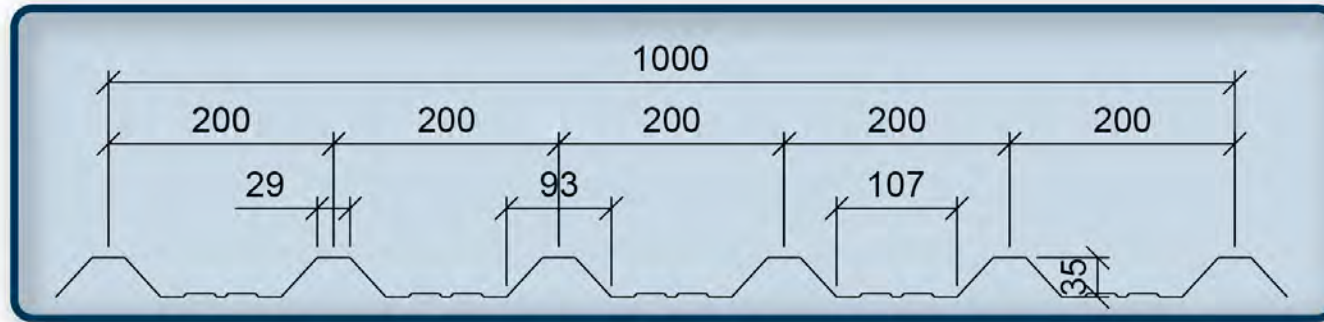
Ultimate Uniform Load Capacities (kN/m)

Thickness	No. of Spans	Load	Spans in Meters								
mm	No's	Case	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3
0.50	Single	Imposed Load	3.106	1.988	1.380	1.014	0.776	0.613	0.492	0.370	0.285
	Spans	Wind Load	4.016	2.570	1.785	1.311	1.004	0.793	0.643	0.516	0.398
	Multi	Imposed Load	3.882	2.484	1.725	1.268	0.971	0.767	0.621	0.513	0.431
	Spans	Wind Load	5.020	3.213	2.231	1.639	1.255	0.992	0.803	0.664	0.558
0.80	Single	Imposed Load	5.480	3.507	2.436	1.789	1.370	1.082	0.809	0.608	0.468
	Spans	Wind Load	5.712	3.656	2.539	1.865	1.428	1.128	0.914	0.755	0.593
	Multi	Imposed Load	6.850	4.384	3.044	2.237	1.713	1.353	1.096	0.906	0.761
	Spans	Wind Load	7.140	4.570	3.173	2.331	1.785	1.410	1.142	0.944	0.793
0.90	Single	Imposed Load	7.584	4.854	3.371	2.476	1.896	1.498	1.095	0.823	0.634
	Spans	Wind Load	7.408	4.741	3.292	2.419	1.852	1.463	1.185	0.980	0.799
	Multi	Imposed Load	9.480	6.067	4.213	3.096	2.370	1.893	1.517	1.254	1.053
	Spans	Wind Load	9.260	5.926	4.116	3.024	2.315	1.829	1.482	1.224	1.029
1.00	Single	Imposed Load	8.632	5.524	3.836	2.819	2.158	1.699	1.238	0.930	0.717
	Spans	Wind Load	8.256	5.284	3.669	2.696	2.064	1.631	1.321	1.092	0.905
	Multi	Imposed Load	10.790	6.906	4.796	3.523	2.698	2.131	1.726	1.427	1.199
	Spans	Wind Load	10.320	6.605	4.358	3.370	2.580	2.039	1.651	1.365	1.147

1. Shetting design is based on AISI - 2001(AD-Allowable Stress Design)
2. Imposes Load - Dead Load + Live Load (Deflection Limitations Span/180)
3. Wind Load - Wind Uplift (Deflection Limitation : Span / 120)

PROPERTIES & LOAD TABLES:

MMI-35/200 STEEL (GI) PROFILE



APPLICATION SPECIFICATION

- Roof & Wall Cladding
- Sheet are galvanized & Colour coated steel
- Based Material confirms to ASTM A653 GD 350 G90
- Hot dip galvanized to G90 / 60 or Z27 / Z18 coating
- Color RAL Colour, subject to availability
- Coating is regular polyester, 20mic/7mic
- Yield Strength 350N/mm²
- Thickness from 0.28 mm to 0.7 mm

Section Properties (per meter of coverage)											
Thickness	Weight	Area	Top In Compression				Bottom In Compression				Shear
mm	kg/m ²	cm ²	ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	Va KN
0.40	3.823	4.876	7.000	2.832	6.632	0.942	6.827	3.784	3.963	1.258	11.501
0.46	4.386	5.607	8.644	3.601	7.646	1.197	8.063	4.384	4.766	1.458	17.550
0.50	4.778	6.095	9.804	4.161	8.325	1.384	8.901	4.786	5.317	1.591	22.520
0.70	6.690	8.533	15.237	6.765	11.767	2.49	13.251	6.800	8.289	2.261	38.700
Ultimate Uniform Load Capacities (KN/m)											
Thickness	No. of Spans	Load	Spans in Meters								
mm	No's	Case	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3
0.40	Single	Imposed Load	6.075	3.110	1.800	1.134	0.759	0.533	0.389	0.292	0.225
		Wind Load	8.887	4.550	2.633	1.658	1.111	0.780	0.569	0.427	0.329
	Multi	Imposed Load	9.420	5.869	3.396	2.139	1.433	1.006	0.734	0.551	0.425
		Wind Load	12.580	8.051	4.968	3.129	2.096	1.472	1.073	0.806	0.621
0.46	Single	Imposed Load	7.502	3.841	2.223	1.400	0.938	0.659	0.480	0.361	0.278
		Wind Load	10.497	5.374	3.110	1.959	1.312	0.922	0.672	0.505	0.389
	Multi	Imposed Load	11.970	7.247	4.194	2.641	1.769	1.243	0.906	0.681	0.524
		Wind Load	14.580	9.331	5.868	3.695	2.476	1.739	1.268	0.952	0.734
0.50	Single	Imposed Load	8.508	4.356	2.521	1.588	1.064	0.747	0.545	0.409	0.315
		Wind Load	11.587	5.932	3.433	2.162	1.448	1.017	0.742	0.557	0.429
	Multi	Imposed Load	13.840	8.210	4.756	2.995	2.007	1.409	1.027	0.772	0.595
		Wind Load	15.910	10.182	6.478	4.079	2.733	1.919	1.399	1.051	0.810
0.70	Single	Imposed Load	13.223	6.770	3.918	2.467	1.653	1.161	0.846	0.636	0.490
		Wind Load	17.250	8.832	5.111	3.279	2.156	1.514	1.104	0.829	0.639
	Multi	Imposed Load	22.490	12.774	7.393	4.655	3.119	2.190	1.597	1.200	0.924
		Wind Load	22.610	14.470	9.643	6.073	4.068	2.857	2.083	1.565	1.205

1. Shetting design is based on AISI - 2001(LRFD) or equi BSS950 PS.

2. Imposes Load - Dead Load + Live Load (Deflection Limitations Span/180)

3. Wind Load - Wind Uplift (Deflection Limitation : Span / 120)

GRP TRANSLUCENT SHEET

35/200 Profile glass reinforced polyester Translucent sheet mainly using on roofing for commercial buildings, warehouses, school buildings and industries.

Transparency rate average 80-90%, translucent sheet abundant natural light into the buildings, energy consumption is an important aspect in today's enviornment and natural day light. Cover width 1000mm same as Aluminium profile stand-ard length. 3300 mm thickness 1.2mm.



ACCESSORIES

PURLIN TAPE

Polyester/cotton cloth laminated to polyethylene backing with a high tack, natural rubber adhesive available mainly in silver colour

Size available are 2" x 30 yards and 3" x 30 yards. It is to be applied directly on the top flange of G.I. Purlins. Before placing the cladding sheet, it is to be applied directly on the top flange of Z-Purlin.



BUTYL STRIP

Butyl strip is an effective sealant in the form of roll with paper backing is for roofing, cladding, gutter joints, side laps, end laps and are mainly available in grey colour. The sizes available are 2.5x9mmx19 mts and 3.0x12 mm x 15 mts.



FILLER BLOCKS

Sealing all roofing, cladding profiles against water, water vapours, roof light. Fillers back synthetic rubber is available to fit our profile sheets.



STAINLESS STEEL SELF TAPPING SCREWS

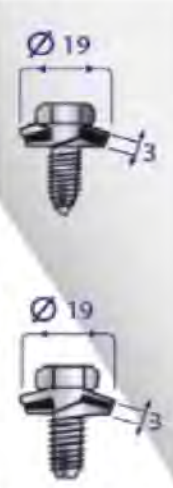
Used for fixing single skin and sandwich panel sections with purlins and a min of 20 mm as depth of penetration.

Type A : A Thread of 2.54 coarse thread / pointed end. On wood and steel purlins less than 3mm screw with dia 19 mm stainless steel washer bonde to EPDM seal. Sizes are 6.5 x 25 mm, 6.5 x 70 mm, 6.5x130 mm.

Type B : A Thread of 1.81 fine thread / flat end. On steel purlins exceeding 3mm thickness screw with dia 19 mm stainless steel washer bonded to EPDM seal.

The Sizes are:

6.3 x 25 mm 6.3 x 40 mm 6.3 x 60 mm
6.3 x 75 mm 6.3 x 115 mm 6.3 x 130 mm



GALVANISED SELF DRILLING SCREWS

Same application as for stainless steel screws with 19 mm dia G.I. washer bonded to EPDM seal.

The Sizes are:

6.3 x 35 mm 6.3 x 75 mm
6.3 x 100 mm 6.3 x 115 mm



STAINLESS STEEL SELF TAPPING REPAIRING SCREWS

Used for replacing fixed rusty in position screws suitable for repairing in all types of sheets. Screws with 19 mm dia stainless steel washer bonded to EPDM seal.

The Sizes are:

7.2 x 19 mm 7.2 x 25 mm 7.2 x 38 mm



SCREWS CAPS

Coloured plastic caps to fit hexagonal head of screw and cover washer.



POP BLIND RIVETS

Blind rivets are 99.5% pure aluminium rivets. This is highly reliable and proven method of fixing materials together permanently.

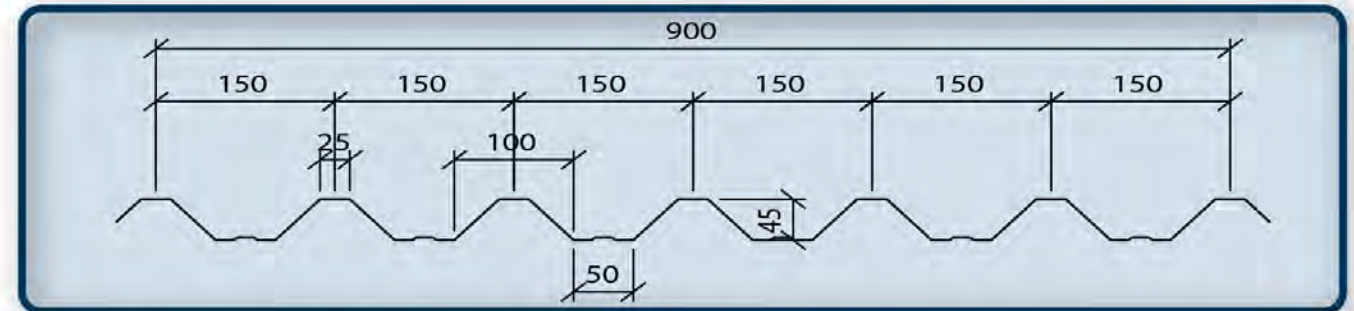
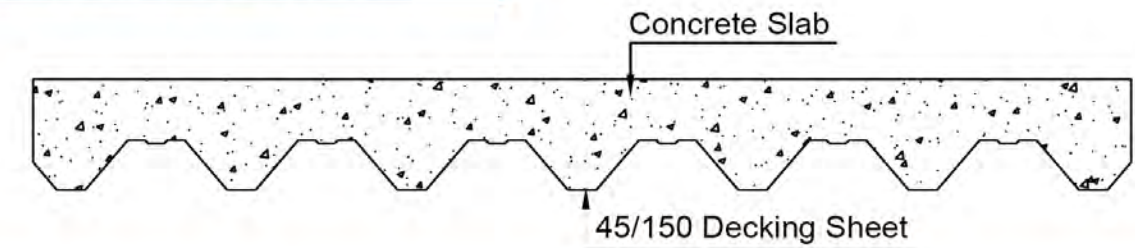


Composition to BS 1475

Model : Alum (a), PD 68 A - 4.8 x 11.50 mm,
Tensile strength = shear, Strength = 1060 N

PROPERTIES & LOAD TABLES:

MMI-45/150 STEEL (GI) DECKING SHEET



APPLICATION SPECIFICATION

- Steel Decking
- Sheet are galvanized steel
- Based Material confirms to EN10147 Fe 350Z27 / ASTM A653 GD 350 G90
- Hot dip galvanized to G90 / 60 or Z27 / Z18 coating
- Yield Strength 350N/mm²
- Thickness from 0.7 mm to 1.0mm



Section Properties (per meter of coverage & width)

Thickness mm	Weight kg/m ²	Area cm ²	Top In Compression				Bottom In Compression				Shear Va KN
			Ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	Ix cm ⁴	Sx Top cm ³	Sx Bottom cm ³	Ma KN-m	
0.70	6.70	9.481	27.414	11.227	13.042	3.733	27.512	11.457	12.842	3.809	60.056
0.80	7.66	10.836	31.744	13.103	14.921	4.128	31.699	13.096	14.886	4.126	74.122
0.90	8.61	12.190	35.576	14.671	16.692	4.621	35.576	14.671	16.692	4.621	83.178
1.00	9.57	13.544	39.376	16.221	18.443	5.110	39.576	16.221	18.443	5.110	92.189

Ultimate Uniform Load Capacities (KN/m)

Thickness	No. of Spans	Load					Spans in Meters				
mm	No's	Case	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3
0.70	Single Spans	Imposed Load	23.791	12.181	7.149	4.439	2.974	2.089	1.523	1.144	0.881
		Wind Load	30.471	18.337	10.611	6.682	4.477	3.144	2.292	1.722	1.326
	Multi Spans	Imposed Load	37.333	22.983	13.301	8.376	5.611	3.941	2.873	2.158	1.663
		Wind Load	38.089	24.377	16.928	12.437	8.447	5.932	4.325	3.249	2.503
0.80	Single Spans	Imposed Load	27.549	14.105	8.163	5.140	3.444	2.419	1.763	1.325	1.020
		Wind Load	33.004	21.123	12.226	7.699	5.158	3.623	2.641	1.984	1.528
	Multi Spans	Imposed Load	41.278	26.418	15.401	9.699	6.497	4.563	3.327	2.499	1.925
		Wind Load	41.256	26.404	18.336	13.471	9.732	6.835	4.983	3.744	2.884
0.90	Single Spans	Imposed Load	30.874	15.807	9.148	5.761	3.859	2.710	1.976	1.485	1.143
		Wind Load	36.969	23.660	13.722	8.641	5.789	4.066	2.964	2.227	1.715
	Multi Spans	Imposed Load	46.211	29.575	17.260	10.569	7.282	5.114	3.728	2.801	2.158
		Wind Load	46.211	29.575	20.538	15.089	10.922	7.671	5.592	4.202	3.236
1.00	Single Spans	Imposed Load	34.172	17.496	10.125	6.376	4.272	3.000	2.187	1.643	1.266
		Wind Load	40.880	26.163	15.188	9.564	6.407	4.500	3.281	2.465	1.898
	Multi Spans	Imposed Load	51.100	32.704	19.104	12.031	8.060	5.660	4.126	3.100	2.388
		Wind Load	51.100	32.704	22.711	16.686	12.089	8.491	6.190	4.650	3.582

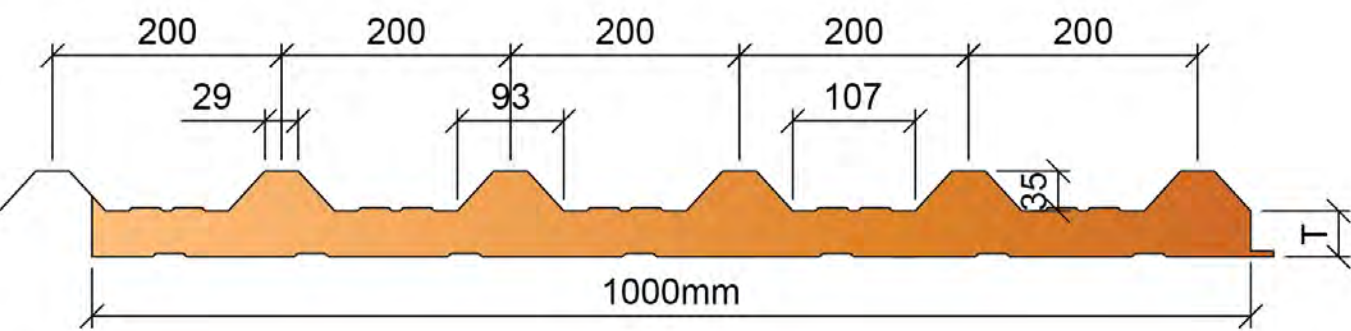
1. Shetting design is based on AISI - 2001(LRFD) or equi BSS950 PS.

2. Imposes Load - Dead Load + Live Load (Deflection Limitations Span/180)

3. Wind Load - Wind Uplift (Deflection Limitation : Span / 120)

MMI INSULATED PANELS

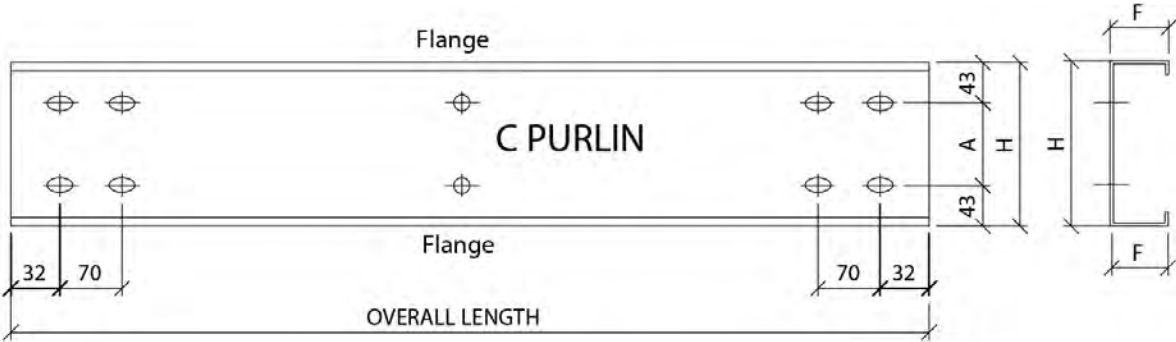
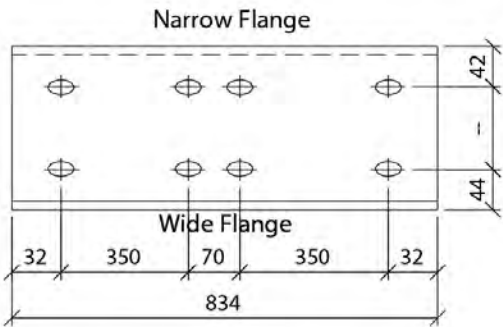
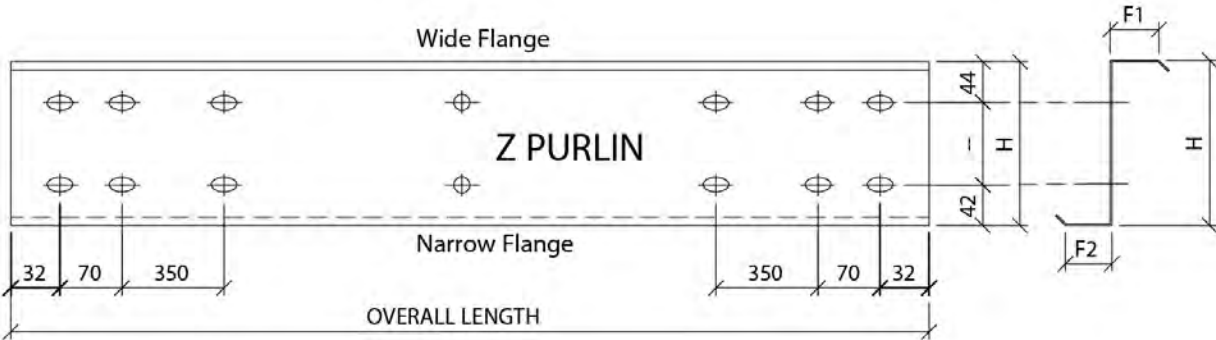
MMI Insulated Panels are produced using factory injected Polyurethane foam with external & Internal sheets in both Steel & Aluminium of various thickness & colours. The insulation thickness range from 40,50,75 & 100 mm with density of 35-38 kgs/m³.

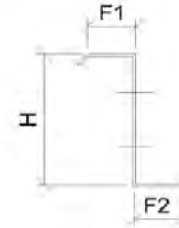
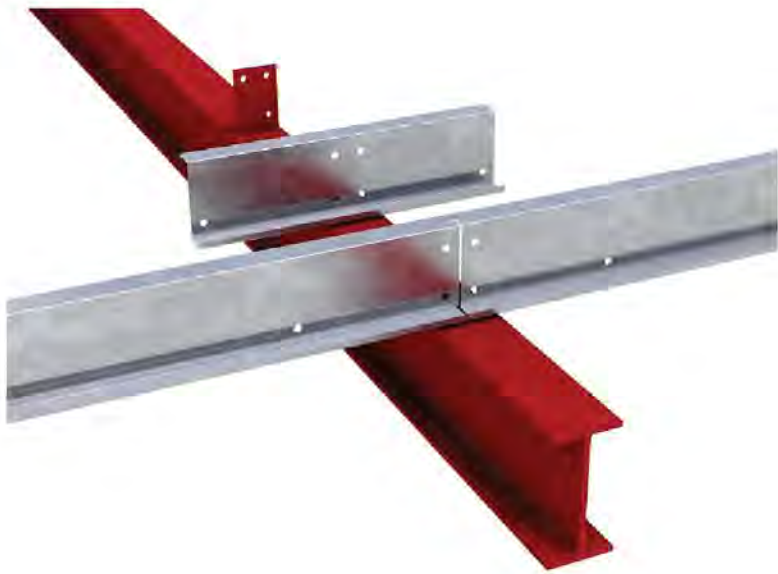


U VALUE (B3) Normal	
THICKNESS	W/M ² K
50 mm	0.44
75 mm	0.30
100 mm	0.19

U VALUE (B2) Fire Rated	
THICKNESS	W/M ² K
50 mm	0.40
75 mm	0.27
100 mm	0.21

Outer Profiles	Standard MMI Profile Sheet
Colour	Standard RAL Colours
Liner	Aluminium Foil Paper, Low Ribbed Steel Liner & Low Ribbed Aluminium Liner
Coating	Regular Polyester Coated





Section	Dimensions			
	H	T	F1	F2
Z14215	142	1.5	45	40
Z14220	142	2.0	45	40
Z15015	150	1.5	55	50
Z15020	150	2.0	55	50
Z17215	172	1.5	55	50
Z17220	172	2.0	55	50
Z20215	202	1.5	55	50
Z20220	202	2.0	55	50
Z23215	232	1.5	65	60
Z23220	232	2.0	65	60
Z25015	250	1.5	75	70
Z25020	250	2.5	75	70
Z30015	300	1.5	75	70
Z30020	300	2.0	75	70

Z Purlin Sleeved Connection ➤ Allowable loadings in Kilonewton / Square Meter

4m SPAN						5m SPAN						6m SPAN						7m SPAN						8m SPAN					
Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters					
Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000
15015	1.731	1.484	1.298	1.154	1.039	1.039	0.941	0.823	0.732	0.659	0.754	0.646	0.566	0.503	0.452														
15020	2.561	2.195	1.921	1.708	1.537	1.626	1.394	1.220	1.084	0.976	1.066	0.914	0.799	0.711	0.639														
17215	2.205	1.890	1.654	1.470	1.323	1.400	1.200	1.050	0.933	0.840	0.962	0.825	0.722	0.641	0.577														
17220	3.350	2.871	2.512	2.233	2.010	2.128	1.824	1.596	1.419	1.277	1.465	1.25	1.099	0.976	0.879	1.022	0.876	0.766	0.681	0.613									
20215	2.530	2.169	1.898	1.687	1.518	1.607	1.378	1.205	1.071	0.964	1.106	0.948	0.829	0.737	0.663	0.803	0.688	0.602	0.535	0.482									
20220	3.898	3.341	2.924	2.599	2.339	2.478	2.124	1.859	1.652	1.487	1.707	1.463	1.280	1.138	1.024	1.242	1.065	0.932	0.828	0.745	0.940	0.806	0.705	0.627	0.564				
20225	5.343	4.580	4.007	3.562	3.206	3.399	2.913	2.549	2.266	2.039	2.342	2.008	1.757	1.561	1.405	1.705	1.462	1.279	1.137	1.023	1.260	1.080	0.945	0.840	0.756				
23220	5.008	4.292	3.756	3.338	3.005	3.185	2.730	2.389	2.123	1.911	2.195	1.882	1.646	1.464	1.317	1.598	1.370	1.199	1.066	0.959	1.211	1.038	0.908	0.807	0.727				
23225	6.872	5.890	5.154	4.581	4.123	4.374	3.749	3.280	2.916	2.624	3.016	2.586	2.262	2.011	1.810	2.198	1.884	1.649	1.465	1.319	1.667	1.429	1.250	1.111	1.000				
25020	5.229	4.482	3.922	3.486	3.137	3.327	2.852	2.495	2.218	1.996	2.294	1.966	1.720	1.529	1.376	1.671	1.432	1.253	1.114	1.002	1.266	1.085	0.950	0.844	0.760				
25025	7.201	6.172	5.401	4.801	4.321	4.584	3.929	3.438	3.056	2.750	3.163	2.711	2.372	2.108	1.898	2.305	1.976	1.729	1.537	1.383	1.749	1.499	1.312	1.166	1.049				

Z Purlin Overlap Connection ➤ Allowable loadings in Kilonewton / Square Meter

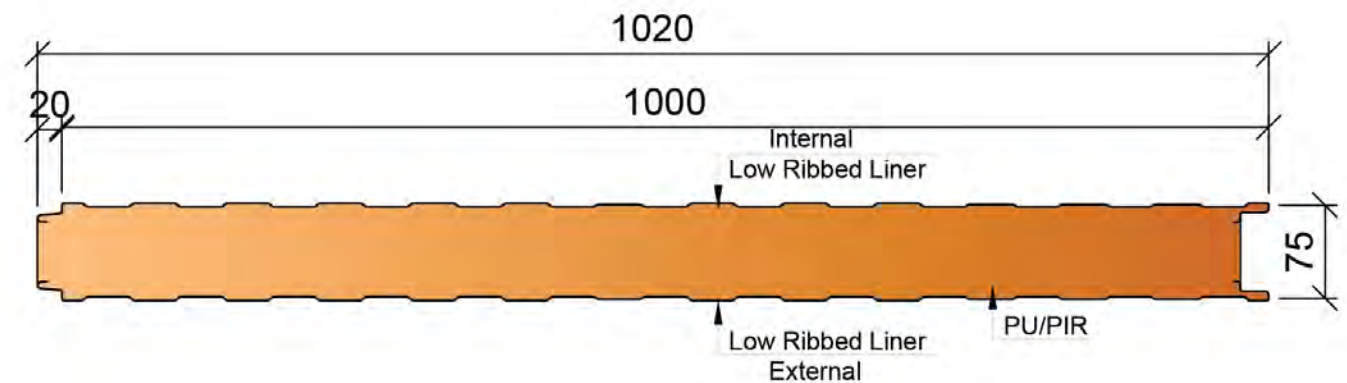
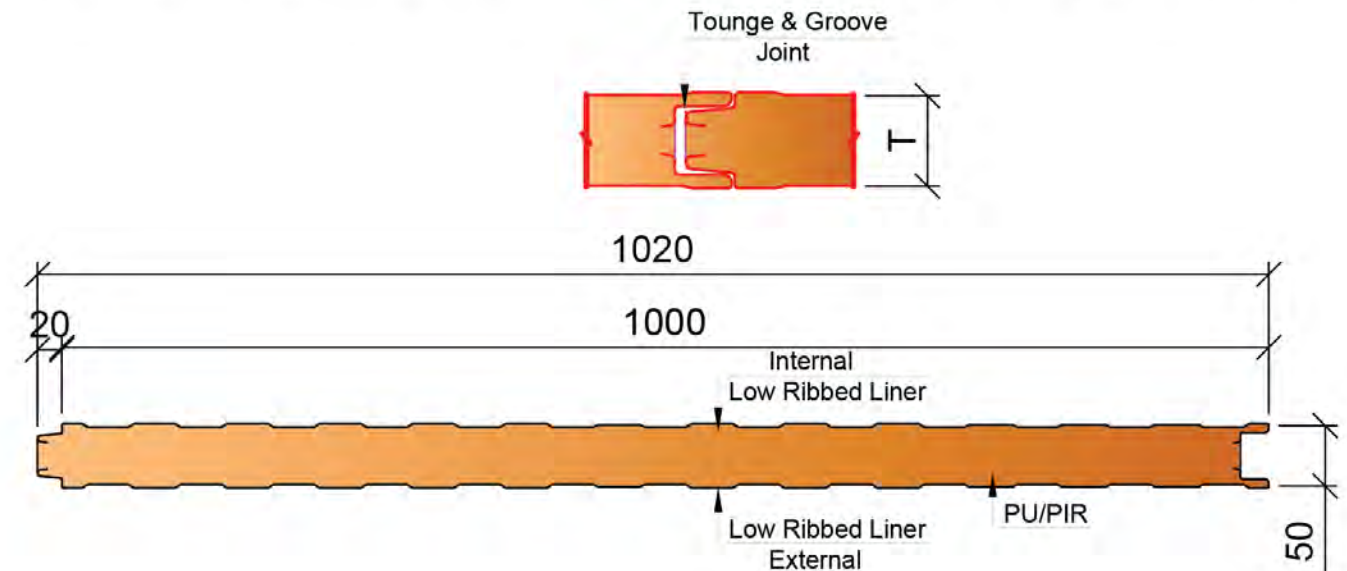
4m SPAN						5m SPAN						6m SPAN						7m SPAN						8m SPAN					
Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters						Purlins spacing in millimeters					
Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000	Section	1200	1400	1600	1800	2000
15015	2.170	1.860	1.628	1.447	1.302	1.350	1.157	1.012	0.900	0.810	0.770	0.660	0.577	0.513	0.462														
15020	3.211	2.752	2.408	2.141	1.926	1.868	1.601	1.401	1.246	1.121	1.066	0.914	0.799	0.711	0.639														
17215	2.765	2.370	2.074	1.843	1.659	1.758	1.507	1.318	1.172	1.055	1.211	1.038	0.908	0.807	0.727														
17220	4.198	3.598	3.148	2.799	2.519	2.671	2.289	2.003	1.781	1.603	1.648	1.413	1.236	1.099	0.989	1.022	0.876	0.766	0.681	0.613									
20215	3.172	2.718	2.379	2.114	1.903	2.017	1.729	1.513	1.345	1.210	1.391	1.192	1.043	0.927	0.834	1.013	0.868	0.759	0.675	0.608									
20220	4.884	4.186	3.663	3.256	2.930	3.109	2.665	2.332	2.073	1.866	2.145	1.839	1.609	1.430	1.287	1.459	1.250	1.094	0.973	0.875	1.187	0.825	0.722	0.642	0.577				
20225	5.694	5.737	5.020	4.462	4.016	4.263	3.654	3.197	2.842	2.558	2.942	2.522	2.207	1.960	1.765	1.910	1.637	1.433	1.273	1.146	1.260	1.080	0.942	0.840	0.756				
23220	6.273	5.377	4.705	4.182	3.764	3.995	3.424	2.996	2.663	2.397	2.758	2.364	2.068	1.838	1.655	2.012	1.724	1.509	1.341	1.207	1.485	1.273	1.114	0.990	0.891				
23225	8.607	7.378	6.455	5.738	5.164	5.484	4.701	4.113	3.656	3.290	3.788	3.247	2.841	2.525	2.273	2.765	2.370	2.073	1.843	1.659	1.931	1.655	1.448	1.287	1.159				
25020	6.550	5.614	4.912	4.366	3.930	4.172	3.576	3.129	2.781	2.503	2.881	2.469	2.160	1.920	1.728	2.102	1.802	1.576	1.401	1.261	1.596	1.368	1.197	1.064	0.958				
25025	9.018	7.730	6.764	6.012	5.411	5.747	4.926	4.310	3.831	3.448	3.970	3.403	2.978	2.647	2.382	2.899	2.485	2.174	1.933	1.739	2.203	1.889	1.653	1.469	1.322				

WALL FLATE PANEL

Wall flat panel cost efficient prefabricated element maintenance free, long lasting easy to clean surface, wall flat panel made by internal and external low ribbed polyester coated metal sheet between two sheet a polyurethane core riddle foam with tongue and groove joint.

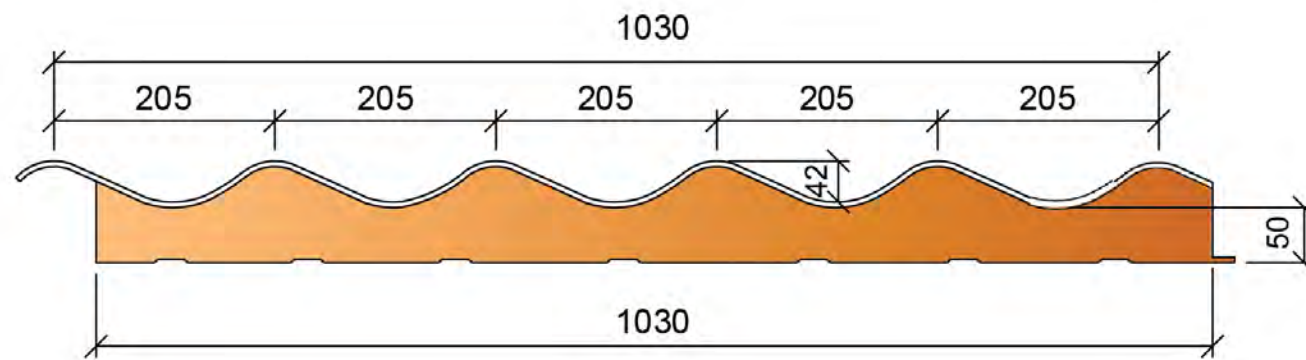
No visible fixation, only top and bottom GI U channels and the panels are placed into these by hand

Applications : Offices, Schools, Accomadations construction site offices and light industry.



TILE SANDWICH PANEL

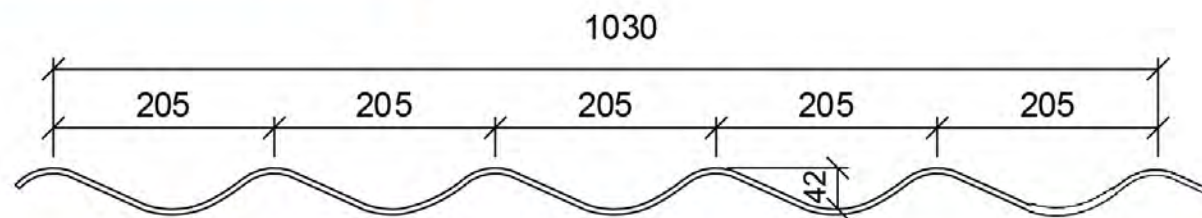
CONTINUOUS PANEL LINE FOR TILE SANDWICH PANEL



TECHNICAL DATA

Available Thickness	: Aluminum 0.7&0.5mm, Steel 0.35,0.40&0.5m
Panel Length	: maximum length of Tile sandwich 12meter
cover width	: 1030mm
Profile Height	: 42 mm
pitch depth	: 15mm
Tile size	: 200 mm
available material	: aluminum & galvanized
Materials	: polyester coated Standard colors available
Insulation	: 50mm polyurethane

TILE SINGLE SKIN



TECHNICAL DATA

Available Thickness	: Aluminum 0.5&0.7mm, Steel 0.35,0.40&0.5m
Panel Length	: maximum length of Tile sandwich 12meter
cover width	: 1030mm
Profile Height	: 42 mm
pitch depth	: 15mm
Tile size	: 200 mm
available material	: aluminum & galvanized
Materials	: polyester coated Standard colors available

FLASHINGS

Flashing are sheet metal closures primarily to provide weather tightness and neat appearance at corners and junctions. They are mainly manufactured from pre- painted flat sheets. Large widths of flat area should be avoided as these will dent to dimple, however thicker material prevents this happening. Flat areas wider than 200 mm should be provided with bends, additional supports and incorporate with rivets.

