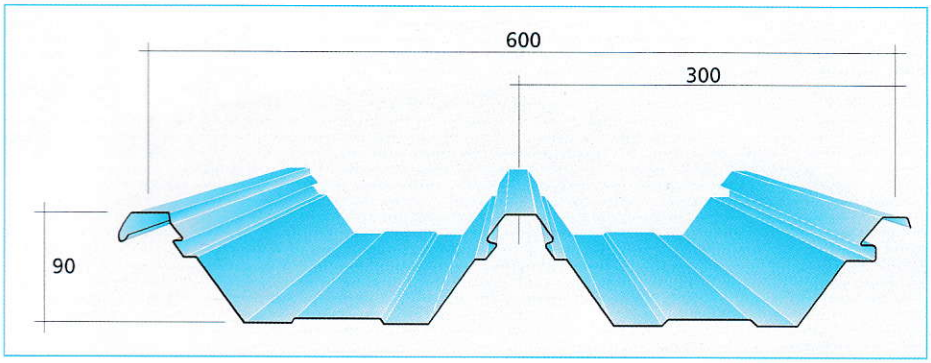
Type I **BL-600**

Wide Span Roof | Atap Bentang Lebar

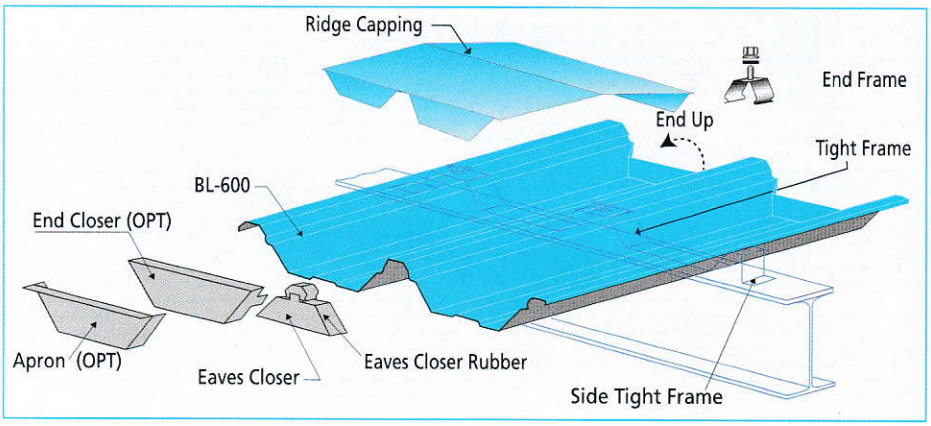
BL-600 ADVANTAGE 600

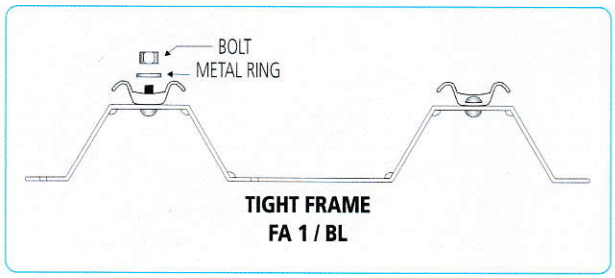
- Hole free,100% leak proof.
- Have a minimum 1° (one degree) slope.
- Roof support line up to 4,00m.
- Rain withhold capacity up to 600mm/hour.
- Construction width can be more than 100m.
- Can be installed and uninstalled without damaging material.

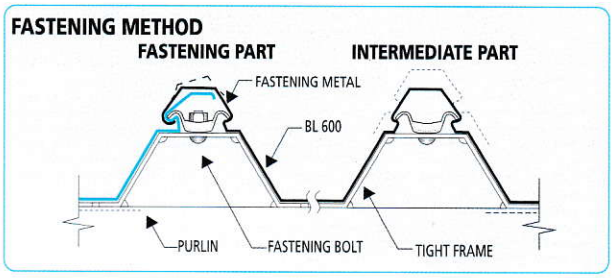


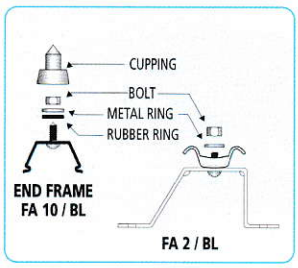
KEUNGGULAN BL-600

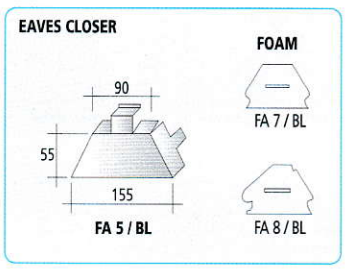
- Bebas lubang, anti bocor100%.
- Sudut kemiringan minimal 1° (satu derajat).
- Jarak gording hingga 4,00m.
- Kapasitas tampung curah hujan hingga 600mm/jam.
- Bentang bangunan bisa lebih dari 100m.
- Dapat dibongkar-pasang tanpa merusak material.

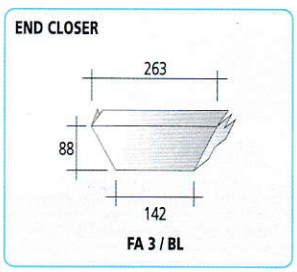


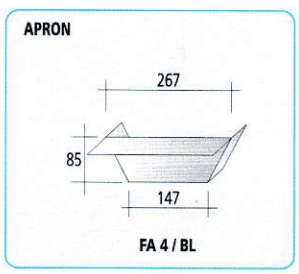




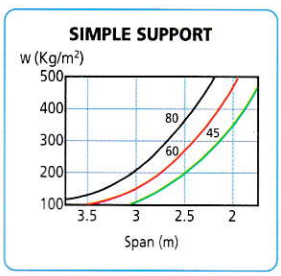


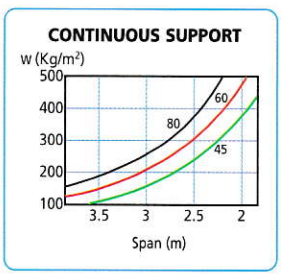


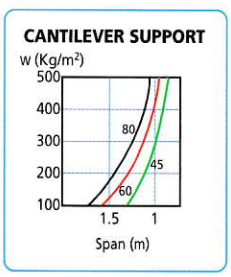




SNI Bj.L.S (BMT)	Thickness ± mm (TCT)	Unit Weight		Momen of Inertia	Section Modulus
		kg/m	kg/m²	1x(cm⁴/m)1	Zx(cm³/m)
80	0.85	6.82	10.08	166	21
60	0.65	4.58	7.64	130	17
45	0.50	3.41	5.63	101	14

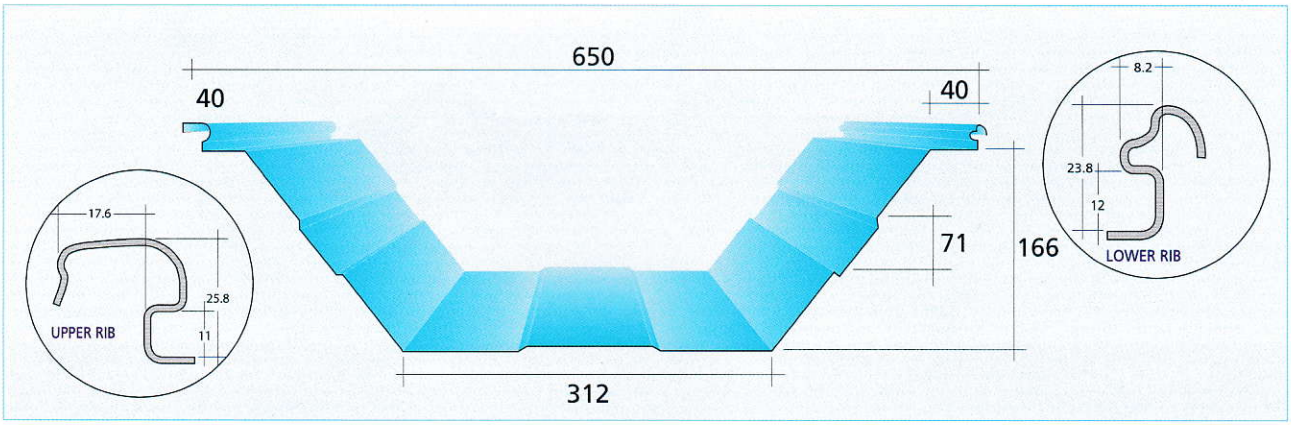




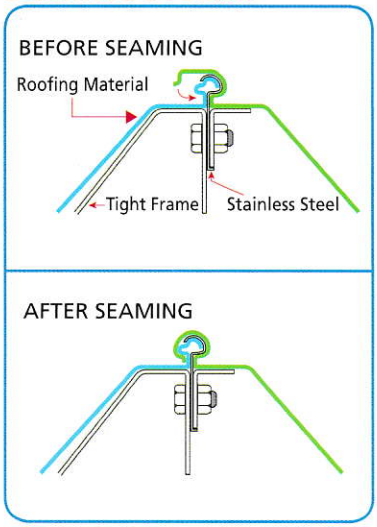


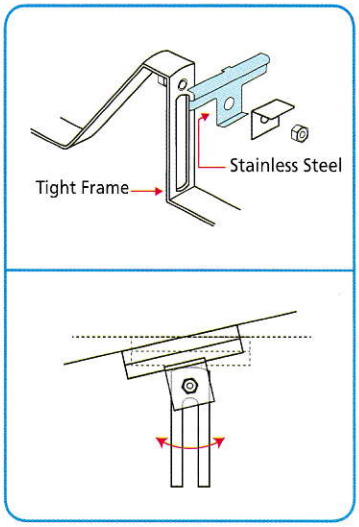
Type I **SF-650**

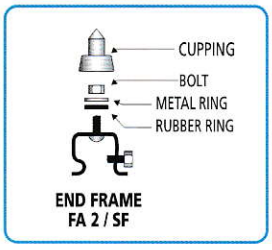
Wide Span Roof | Atap Bentang Lebar



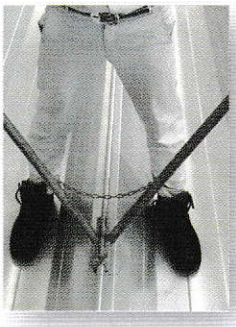
SEAMING SYSTEM







SEAMING MACHINE

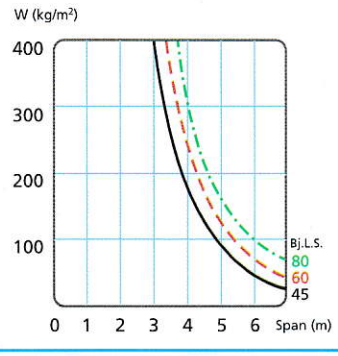


HAND TOOL

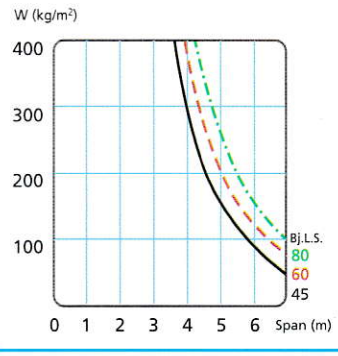
SECTIONAL PROPERTIES

THICKNESS		UNIT WEIGHT		MOMENT OF INERTIA	SECTION MODULUS
SNI Bj.L.S (BMT)	± mm (TCT)	(kg/m¹)	(kg/m²)	I x (cm^4/m)	Zx (cm^3/m)
45	0.50	3.45	5.31	222	24.3
60	0.65	4.69	7.06	296	32.3
80	0.85	6.02	9.26	394	43.1

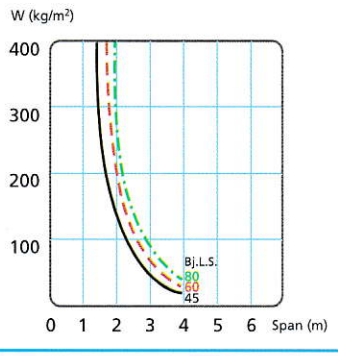
SIMPLE SUPPORT



CONTINUOUS SUPPORT



CANTILEVER SUPPORT

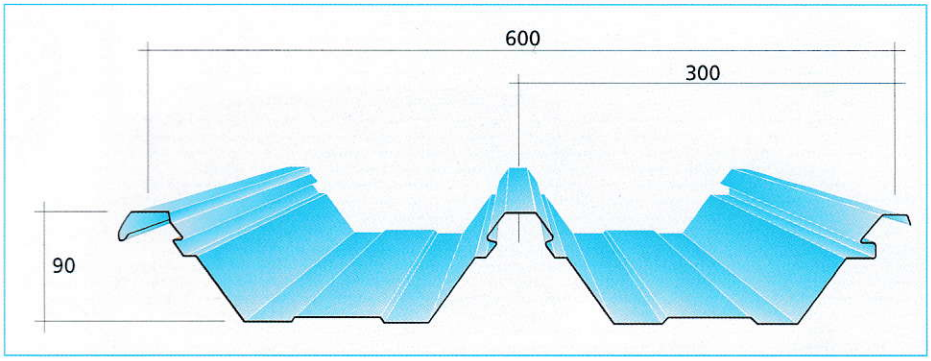


Type I **BL-600**

Wide Span Roof | Atap Bentang Lebar

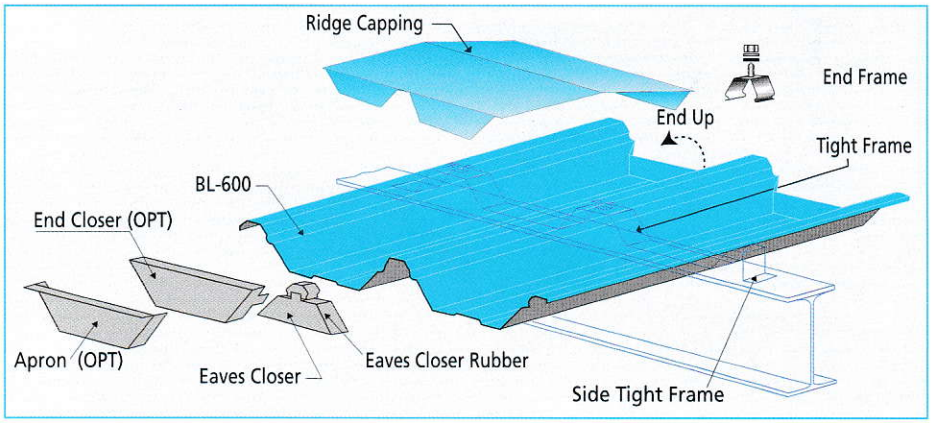
BL-600 ADVANTAGE 600

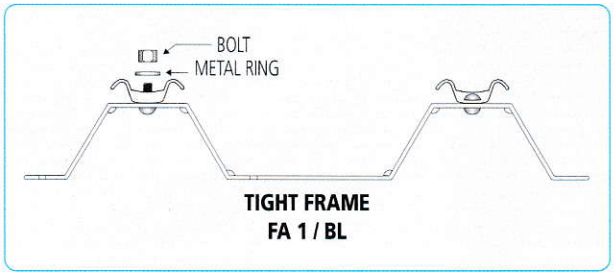
- Hole free,100% leak proof.
- Have a minimum 1° (one degree) slope.
- Roof support line up to 4,00m.
- Rain withhold capacity up to 600mm/hour.
- Construction width can be more than 100m.
- Can be installed and uninstalled without damaging material.

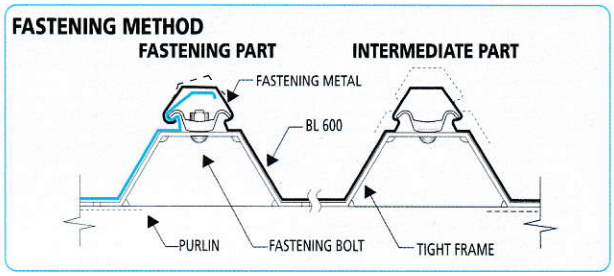


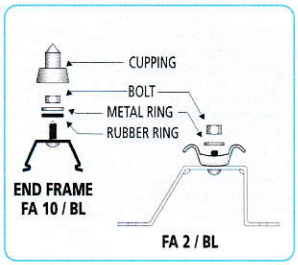
KEUNGGULAN BL-600

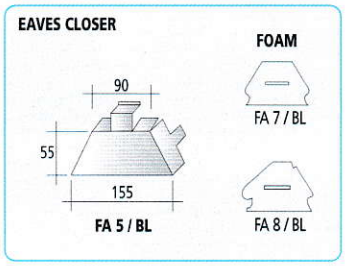
- Bebas lubang, anti bocor100%.
- Sudut kemiringan minimal 1° (satu derajat).
- Jarak gording hingga 4,00m.
- Kapasitas tampung curah hujan hingga 600mm/jam.
- Bentang bangunan bisa lebih dari 100m.
- Dapat dibongkar-pasang tanpa merusak material.

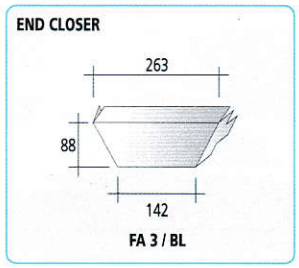


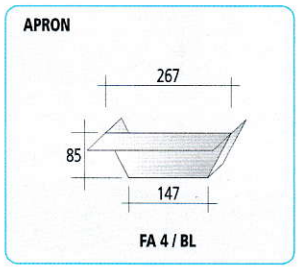




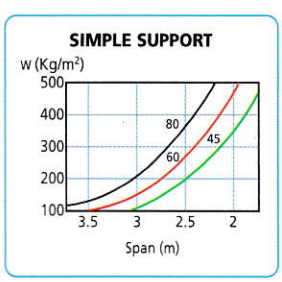


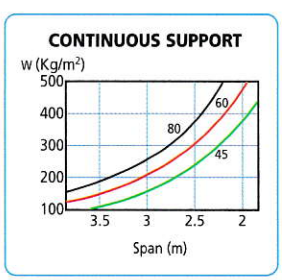


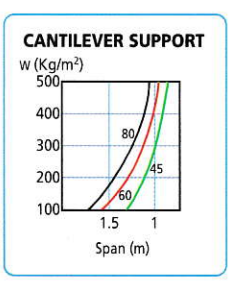




SNI Bj.L.S (BMT)	Thickness ± mm (TCT)	Unit Weight		Momen of Inertia	Section Modulus
		kg/m	kg/m²	1x(cm⁴/m)1	Zx(cm³/m)
80	0.85	6.82	10.08	166	21
60	0.65	4.58	7.64	130	17
45	0.50	3.41	5.63	101	14

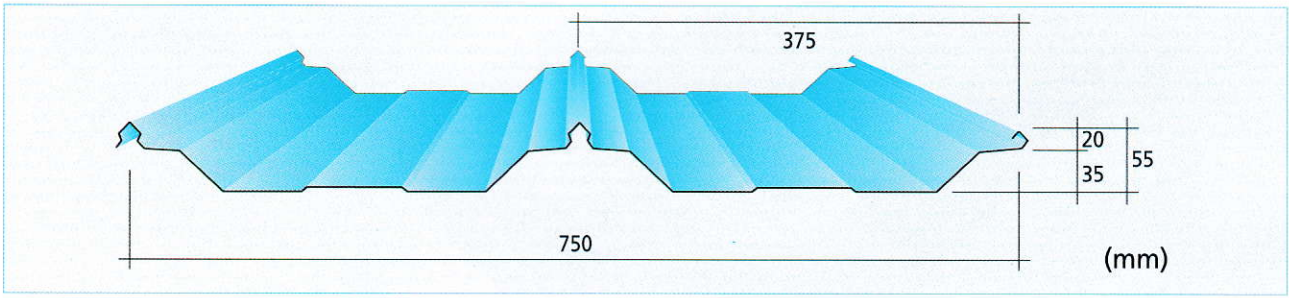






Type I **SF-750**

Wide Span Roof | Atap Bentang Lebar

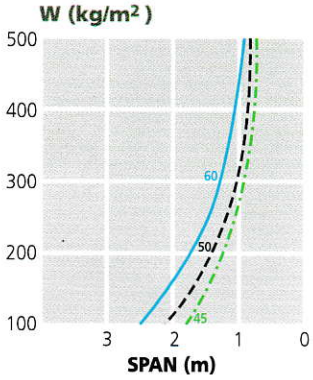


THICKNESS		UNIT WEIGHT		MOMENT OF INERTIA	SECTION MODULUS
SNI Bj.L.S. (BMT)	± mm (TCT)	(kg /m^1)	(kg /m^2)	I x (cm^4/m)	Z x (cm^3/m)
45	0.50	3.45	4.60	18.79	4.494
50	0.55	3.81	5.08	20.67	4.943
60	0.65	4.59	6.12	24.74	5.932

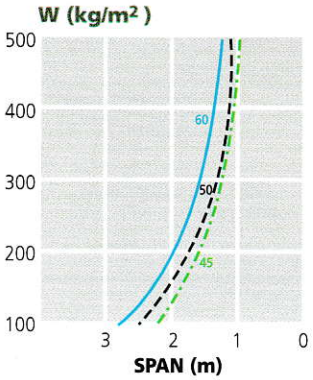
SNI (Bj.L.S):

- 45
- 50
- 60

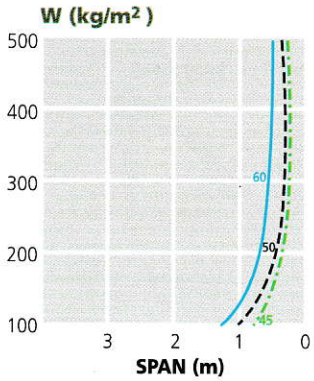
SIMPLE SUPPORT



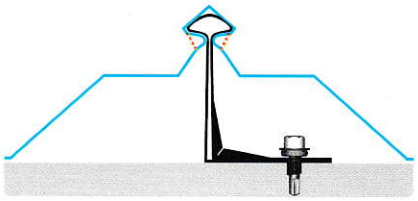
CONTINUOUS SUPPORT



CANTILEVER SUPPORT

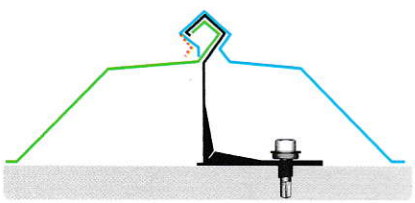


SEAMING TIGHT FRAME

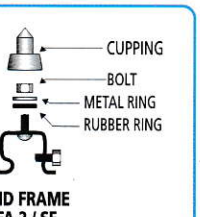


TIGHT FRAME **SF -750**

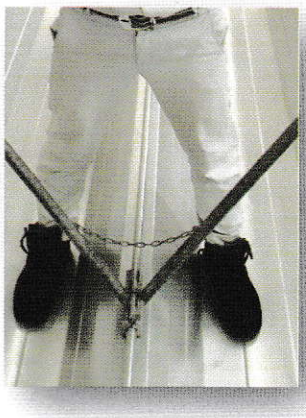
SEAMING SIDE TIGHT FRAME



SIDE TIGHT FRAME **SF -750**



END FRAME
FA 2 / SF

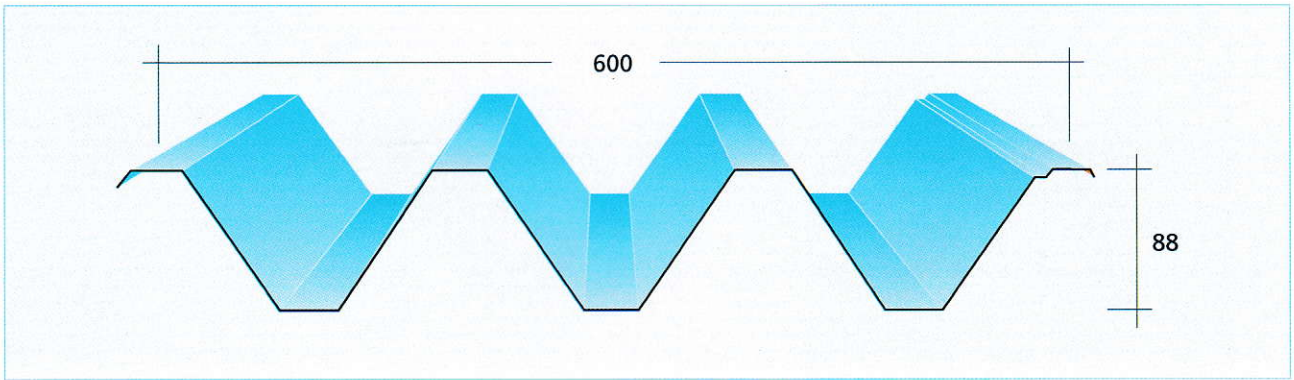


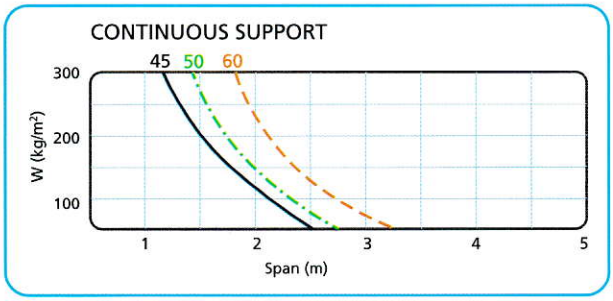
HAND TOOL

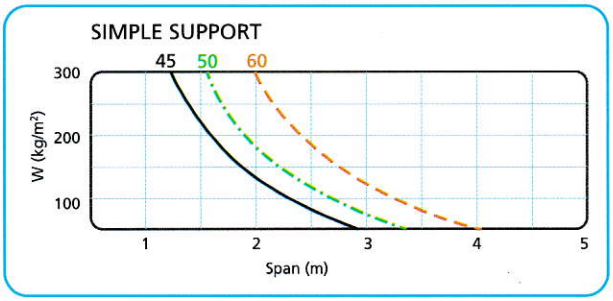
SEAMING MACHINE

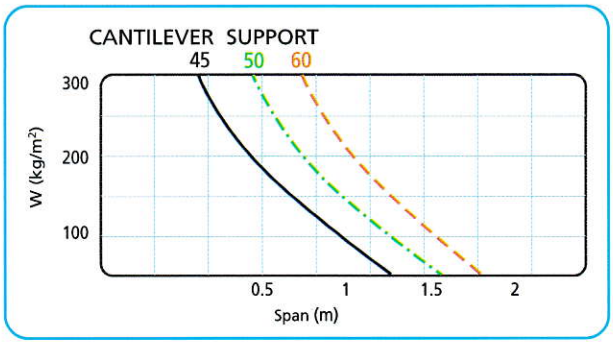
Type I **I - 600**

Wide Span Roof | Atap Bentang Lebar

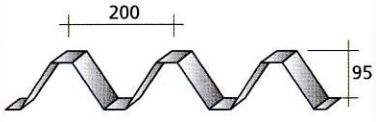
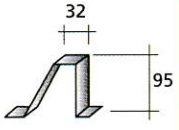
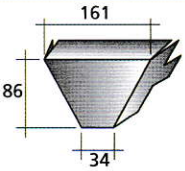
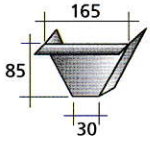
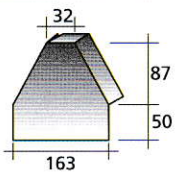






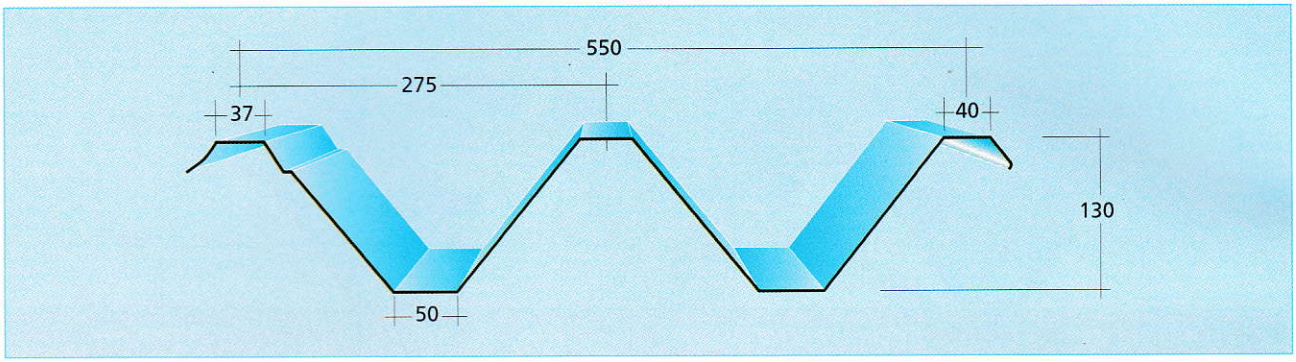


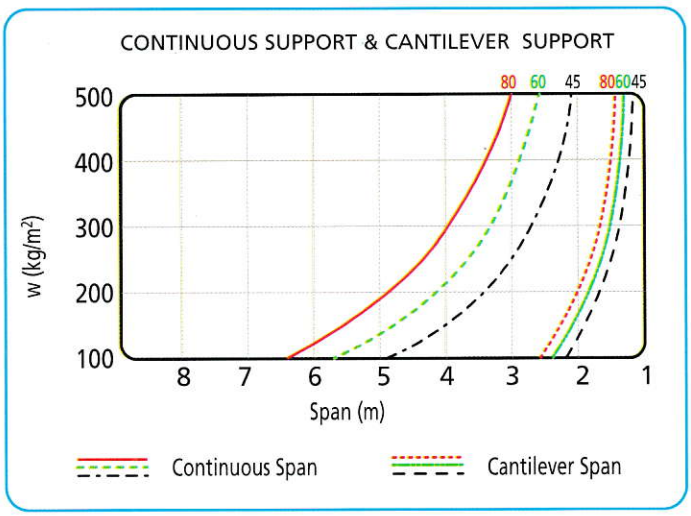
SNI Bj.L.S. (BMT)	THICKNESS ± mm (TCT)	UNIT WEIGHT		MOMEN OF INERTIA	SECTION MODULUS
		Kg/m	Kg/m^2	I x (cm^4/m)	Z x (cm^3/m)
60	0.65	4.59	7.65	37.80	8.17
50	0.55	3.81	6.35	23.80	5.14
45	0.50	3.45	5.75	16.80	3.62

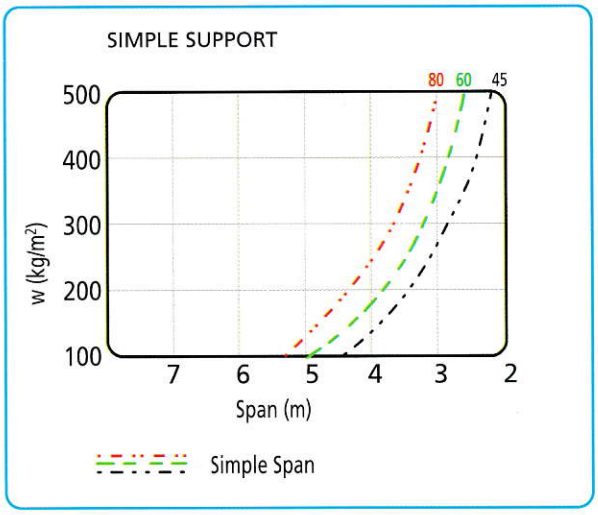
TIGHT FRAME	SIDE TIGHT FRAME	END CLOSER	APRON	EAVES CLOSER
				
FA 1/ I	FA 2/ I	FA 3/ I	FA 4/ I	FA 5/ I

Type I GP-550

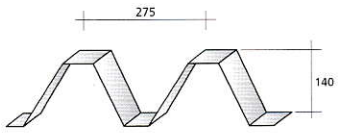
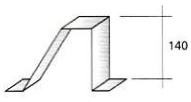
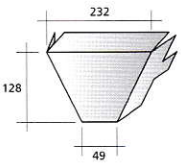
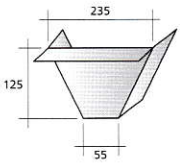
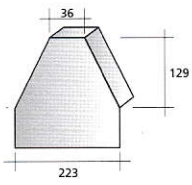
Wide Span Roof | Atap Bentang Lebar







SNI B.j.LS (BMT)	THICKNESS ±mm (TCT)	Unit Weight		MOMEN OF INERTIA I x (cm^4/m)	SECTION MODULUS Z x (cm^3/m)
		Kg/m^1	Kg/m^2		
45	0.50	3.45	6.27	159.0	22.6
60	0.65	4.58	8.33	213.0	30.3
80	0.85	6.02	10.95	285.0	40.5

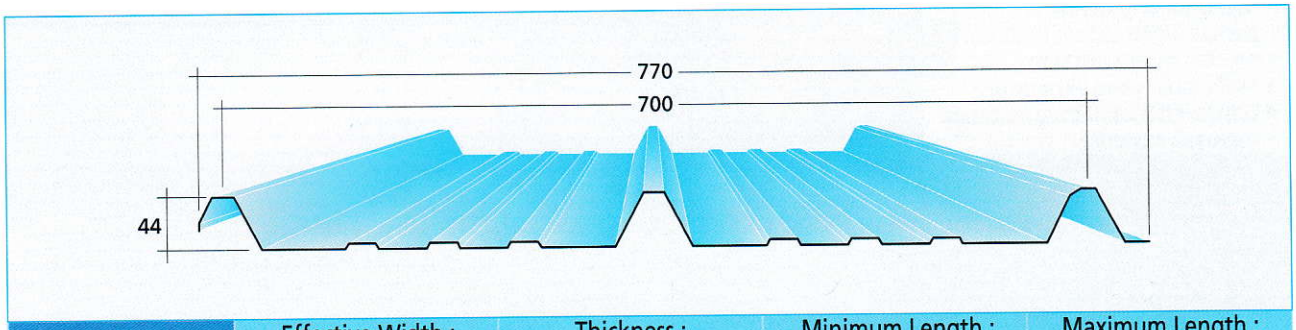
TIGHT FRAME	SIDE TIGHT FRAME	END CLOSER	APRON	EAVES CLOSER
				
FA 1 / GP	FA 2 / GP	FA 3 / GP	FA 4 / GP	FA 5 / GP

Wide Span Roof | Atap Bentang Lebar

Type I L-700

The L 700 is a new product of PT Fumira. The L 700 Type is designed for wide spans and is capable to withhold heavy rainfall. The raw material is composed of a high strength structural steel. There are three types of protective coats: Zinc coat, Colorcoat, and AlZn Coated.

Tipe ini merupakan produk baru dalam jajaran produk PT. Fumira. Tipe L 700 juga dirancang untuk bentang lebar dan memiliki kapasitas penampungan curah hujan yang besar. Bahannya dibuat dari baja struktural bertegangan tinggi. Lapis lindungnya tersedia dalam 3 jenis, yaitu: Zinc Coated, Colorcoat, dan AlZn Coated.



Type L 700	Effective Width : 700 mm	Thickness : 35-80 Bj.L.S	Minimum Length : 0,80 m	Maximum Length : 12 m

Note / Catatan:

For length more than 1 2.00 m or job-site corrugating, please contact Fumira.
Untuk panjang lebih dari 12,00 m atau penggelombangan di lokasi proyek, harap menghubungi FUMIRA.

SECTION PERFORMANCE

Thickness		Unit Weight		Moment of inertia	Section Modulus	Support Spasing		
S.I.I.	(±mm)	Kg/m^1)	Kg/m^2)	1 x cm^4/m^1 1 x	1 x cm^3/m^1 W x	Intermediate Spans (m)	End Spans (m)	Overhang (m)
35	0.40	2.71	3.67	5.0	2.08	1.45	1.15	0.30
40	0.45	3.11	4.43	6.0	2.50	1.70	1.30	0.40
45	0.50	3.45	4.93	7.0	2.95	1.80	1.40	0.50
50	0.55	2.81	5.44	8.1	2.40	1.90	1.50	0.60
60	0.65	4.59	6.56	10.6	4.40	2.00	1.60	0.70
80	0.85	6.10	8.71	15.6	6.50	2.20	1.80	0.80

Type I **BL-710**

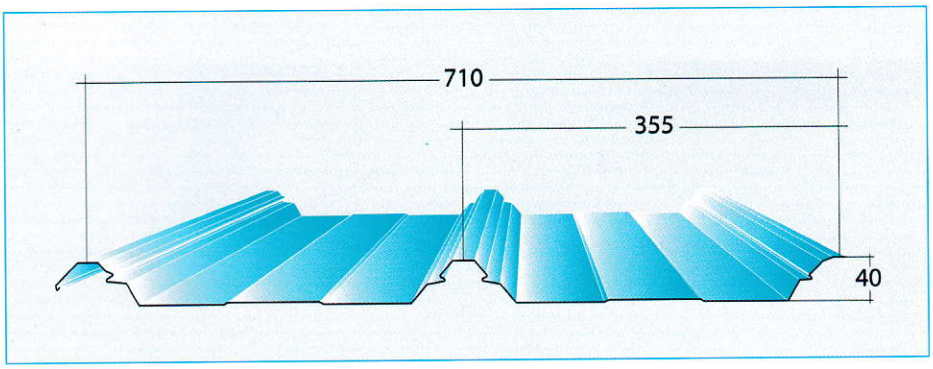
Midle Span Roof | Atap Bentang Menengah

BL-710 ADVANTAGES

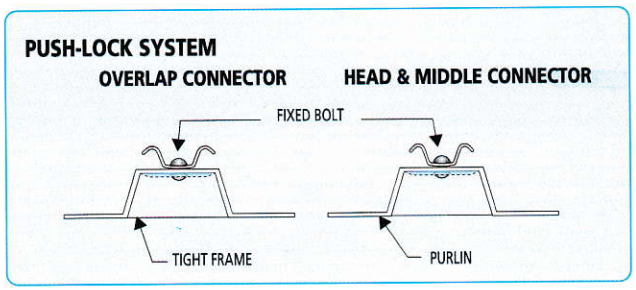
- Originally Fumira modern design.
- Hole free Push Lock installa tion system.
- Easy in installation
- Economic wide profile.
- Can be installed and uninstalled without damaging material.

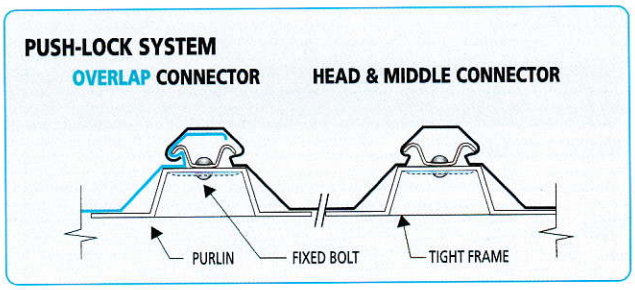
KEUNTUNGAN BL-710

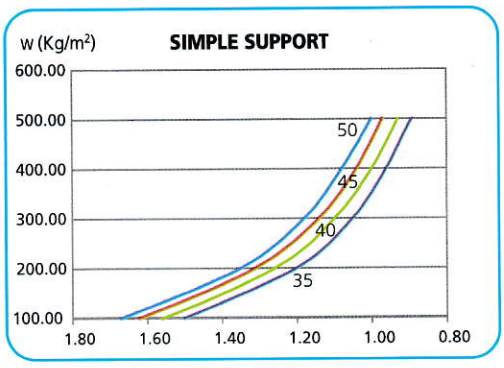
- Rancangan modern original dari Fumira.
- Bebas lubang dengan pemasangan sistem Push Lock.
- Mudah dalam instalasi
- Profil lebar yang ekonomis.
- Dapat dibongkar-pasang tanpa merusak material.

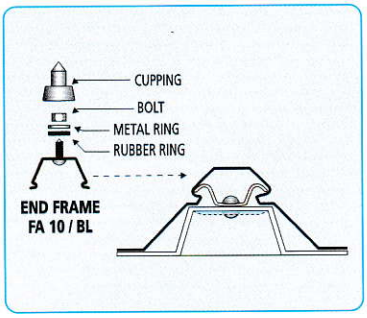


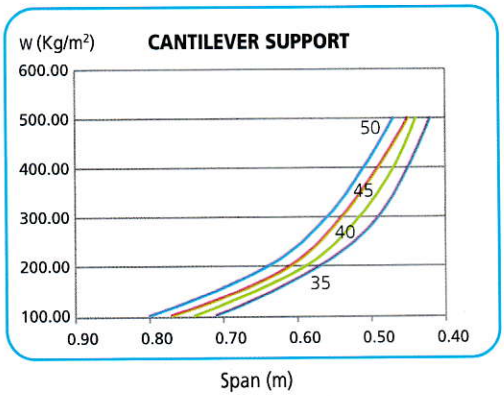
S.N.I. Bj.L.S (BMT)	Thicknees (±mm) (TCT)	Unit Weight (kg/m)	Unit Weight (kg/m²)	MOMEN INERSIA 1 x (cm4/ m)
35	0.40	2.71	3.81	7.05
40	0.45	3.09	4.35	8.05
45	0.50	3.45	4.56	9.06
50	0.55	3.81	5.36	10.07

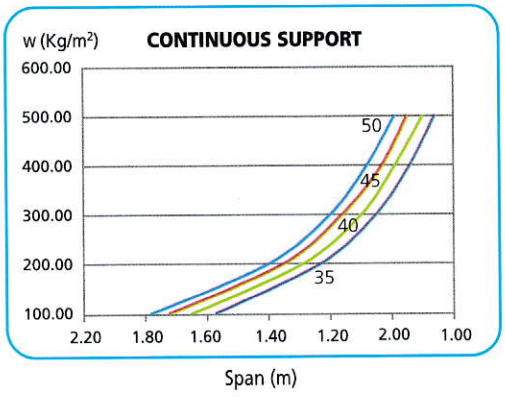




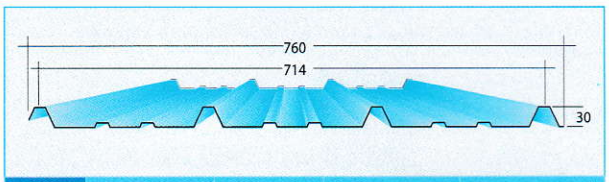




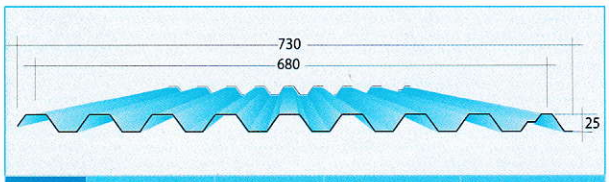




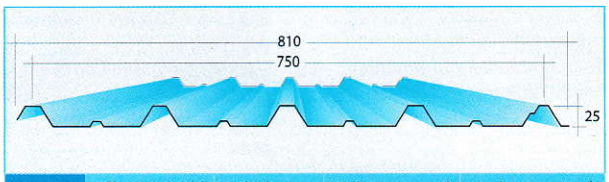
Middle Wide Span Roof | Atap Bentang Menengah



F 714	Effective Width	Thickness	Minimum Length	Maximum Length
	714mm	39 - 60 Bj.L.S.	1 m	12 m



G 680	Effective Width	Thickness	Minimum Length	Maximum Length
	680 mm	30 - 80 Bj.L.S.	0,65 m	12 m

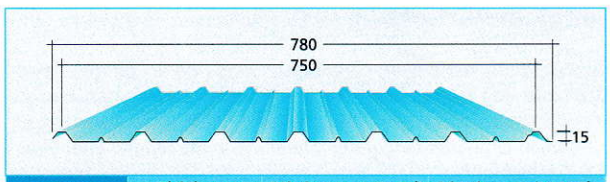


GG 750	Effective Width	Thickness	Minimum Length	Maximum Length
	750 mm	30 - 60 Bj.L.S.	0,65 m	12 m

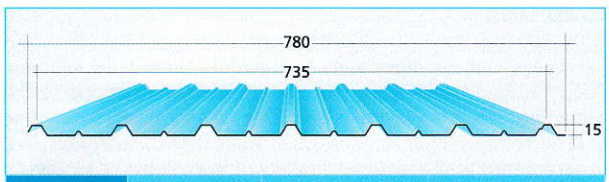
Support Spacing

S.N.I. Bj.L.S (BMT)	Thicknees (±mm) (TCT)	Unit Weight (kg/m)	Intermediate Spans (m)	End Spans (m)	Overhang (m)	Wall (m)
30	0.35	2.35	1.20	1.00	0.20	1.50
35	0.40	2.71	1.35	1.10	0.20	1.70
40	0.45	2.10	1.50	1.20	0.25	1.90
45	0.50	3.45	1.60	1.30	0.25	2.00
50	0.55	3.81	1.70	1.40	0.40	2.10
60	0.65	4.59	1.90	1.50	0.30	2.30

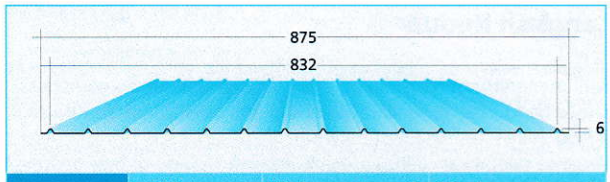
Conventional, Wall and Fascia | Atap Konvensional, Dinding dan Lisplang



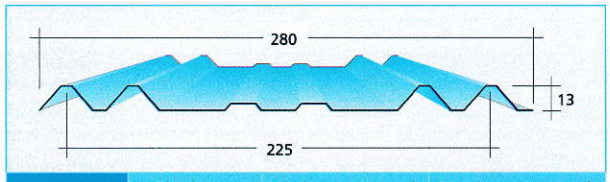
A 735	Thickness	Minimum Length	Maximum Length
	20 - 50 Bj.L.S	0,65 m	12 m



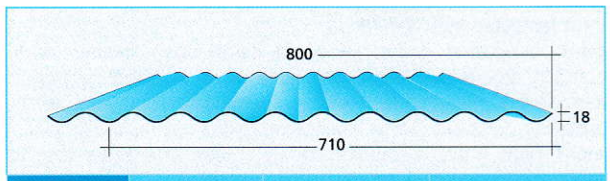
A 750	Thickness	Minimum Length	Maximum Length
	20 - 30 Bj.L.S.	0,60 m	12 m



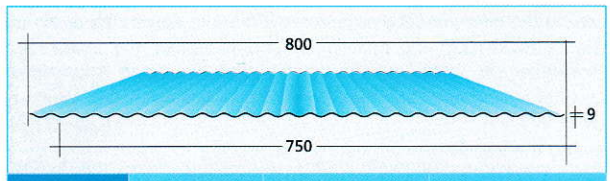
B 832	Thickness	Minimum Length	Maximum Length
	20 - 40 Bj.L.S.	0,75 m	12 m



H 225	Thickness	Minimum Length	Maximum Length
	20 - 40 Bj.L.S.	0,50 m	5 m

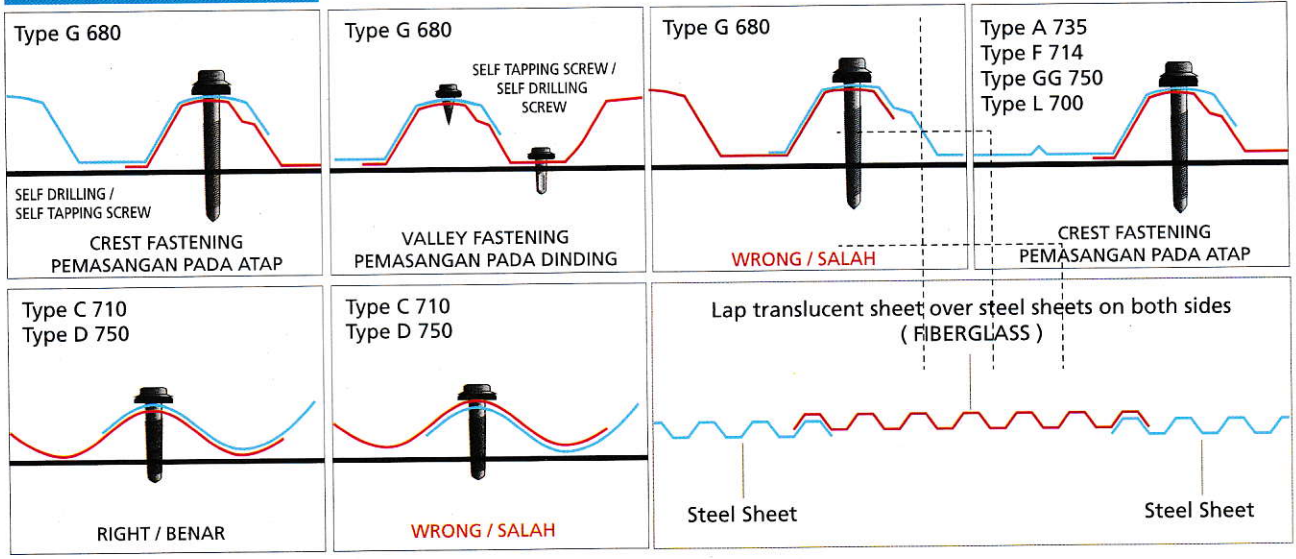


C 710	Thickness	Minimum Length	Maximum Length
	20 - 80 Bj.L.S.	1,5-0 m	3,65 m

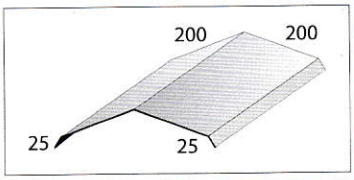
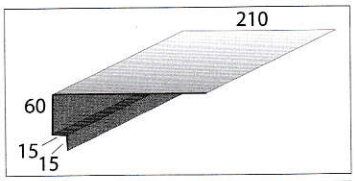
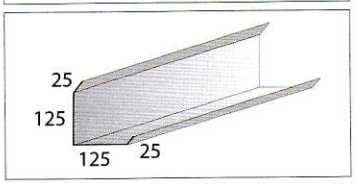
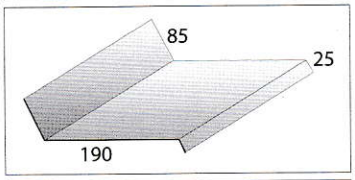
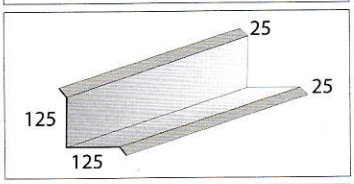
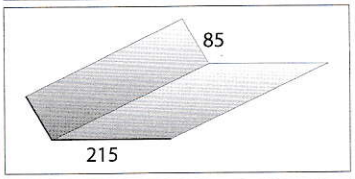
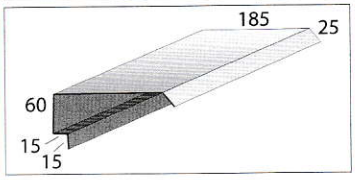
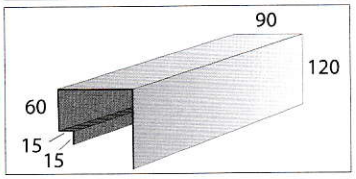


D 750	Thickness	Minimum Length	Maximum Length
	20 - 30 Bj.L.S.	1,50 m	3,65 m

Side Lap Fastening



PENUTUP ATAP / NOK STANDAR

1. Standard Flashing Code: F 1 Size: 1,5 F x 4,00 m		**5. Transverse Flashing** Code: F 5 Size: 1,0 F x 4,00 m	
2. Corner Flashing Code: F 2 Size: 1,0 F x 4,00 m		**6. Parapet or End Wall Flashing** Code: F 6 Size: 1,0 F x 4,00 m	
3. Corner Flashing Code: F 3 Size: 1,0 F x 4,00 m		**7. End Wall Transverse Flashing** Code: F 7 Size: 1,0 F x 4,00 m	
4. Longitudinal Flashing Code: F 4 Size: 1,0 F x 4,00 m		**8. Fascia Capping** Code: F 8 Size: 1,0 F x 4,00 m	

Untuk pesanan bentuk dan ukuran penutup atap yang tidak standar harap menghubungi **FUMIRA**.

Storage I Penyimpanan

In Covered Space

Roof sheets shoud be stored in a dry and ventilated place in either covered storage or other covered space away from rain, dust, soil and dirt. Roof sheets shoud not be laid directly on floor by using proper wedges such as wooden or rubber pallets. The roof sheetsmust not be stored in the same place with corrosive chemical agents that will damage the roof sheet. Any wet roof sheet should be wiped and dried before storage.

Di Ruang Tertutup

Lembaran atap harus disimpan di tempat yang kering dan berventilasi baik penyimpanan di gudang tertutup atau ruang tertutup lainnya yang terhindar dari hujan, debu, tanah dan kotoran. Lembaran atap tidak boleh diletakkan langsung diantai dengan cara menggunakan ganjal yang sesuai seperti palet kayu atau karet. Lembaran atap tidak boleh disimpan di tempat yang sama dengan bahan kimia yang bersifat korosif yang dapat merusak lembaran atap. Setiap lembar atap yang basah harus dilap dan dikeringkan sebelum penyimpanan.

Quality Standard | Standar Kualitas

As Fumira commitment to provide high quality products and services, since the first products marketed commercially in 1998, PT. FUMIRA has received a certificate of Indonesian National Standard for zinc coated steel sheet products (SNI 07-2053-2006) . Furthermore, since the beginning of 2003, to improve the performance of the company, with the commitment of top management, as well as all employees, FUMIRA has launched implementation program of ISO 9001: 2000 Quality Management System which further improvemed to ISO 9001:2008 at the end of 2010 and start to implement ISO 9001:2015 in 2015. This is clear evidence that PT. FUMIRA always try to make the improvement in order to obtain customer satisfaction in accordance to Mission of FUMIRA.

Sebagai komitmen Fumira untuk menyediakan produk dan pelayanan berkualias tinggi, maka sejak pertama produk dipasarkan secara komersial pada tahun 1998, Fumira telah mendapatkan sertifikat Standar Nasional Indonesia untuk produk baja lembaran lapis seng (SNI 07-2053-2006). Selanjutnya, permulaan tahun 2003, untuk meningkatkan kinerja perusahaan, dengan komitmen manajemen puncak, serta seluruh karyawan, FUMIRA telah mencanangkan program penerapan Sistem Manajemen Mutu ISO 9001:2000 yang selanjutnya ditingkatkan ke ISO 9001:2008 pada akhir tahun 2010 dan mulai menerapkan ISO 9001:2015 pada akihr tahun 2015. Hal ini merupakan bukti nyata bahwa PT. FUMIRA selalu berusaha melakukan peningkatan guna mendapatkan kepuasan pelanggan sesuai Misi FUMIRA.