

PAK ALUMEX[®]

Aluminium Profile
Catalogue



VOLUME . 4

Anodizing

Wood Texture

Powder Coating

**Manufacturer Of Aluminium Window, Door Sections
& All Type of Architectural & Industrial Profiles.**



***Aluminium Profile
CATALOGUE***

PAK ALUMEX[®]
ALUMINIUM INDUSTRIES

DURABLE ARCHITECTURAL ALUMINIUM EXTRUSION & POWDER COATING

INTRODUCTION

Pak Alumex:

At Pak Alumex, we are building excellence every day. Modern production facilities, skilled workers and strict quality control procedures help us to produce superior aluminium profiles.

Our Mission:

To Provide the Most durable aluminium products.

Why Pak Alumex?

Pak Alumex is the leading manufacturer of aluminium profiles and that is not a coincidence. We put our heart into every piece of aluminium and every step of the process, from raw material to the finished product. Technology, product knowledge and development are all important but equally significant is the desire, courage, power and forward-looking spirit that drives our team to success. Its all about the passion within us, the love of aluminium!

Capable of Everything:

If its an aluminum profile, you think it WE MAKE IT. Our planning and in-house die design facility made us capable of producing aluminium profiles to cater to the construction of Pakistan.

Production plants:

Eager to become the largest aluminum company in Pakistan, Pak Alumex is continuously modernizing our production facility with imported tools and machinery.

- 2 Large Aluminium extrusion furnaces.
- 2 Aluminium Extrusion lines.
- 4 Powder Coating Lines.
- 1 Anodizing Plant with 2200 Amp Rectifiers.
- 1 State of the Art Wood Finish Line.

Product Range:

By focusing on the specifications and requirements of our customers, Pak alumex has created a product portfolio that incorporates innovative products and responds flawlessly to modern building needs.

The needs of our customers are quit widespread, and so is our product portfolio. We design each of our product with one thought in mind, how to offer the best possible solution and maximize the value for our customers.

INTRODUCTION

- Hinged Window & Door Systems
- Sliding Window & Door Systems
- Bi-Folding Door Systems
- Entrance Doors
- Fire Resistant & Heavy-duty Doors
- Curtain Wall & Facade Systems
- Office Partition Systems
- Solar Shading Systems
- Cladding Systems
- Railing Systems
- Pergola Systems
- decking Systems
- Elevators
- Noise Barriers
- Textile Sections
- Solar Panel Stands
- Custom Made Designs
- Kitchen Cabinets

Quality Control:

At Pak Alumex, product quality is our core value. Each product has to go through strict quality control procedures. From acquiring raw material to finished aluminum products, our team of experts work hard to supply our customers with high-quality aluminum products.

Our zero compromise on bad quality policy led us to become Pakistan's Best Powder Coating Aluminum Company.

Our Team:

Our team was selected from a variety of backgrounds to promote a creative environment. We respect the experience and skills of our staff and value the contribution that every person brings to the business team. Our goal is to work together to reward, train and develop our staff in ways that acknowledge performance and individual abilities.

Pak Alumex's Supply Chain:

Our vast network of dealerships in many cities of Pakistan enables our end user procure high-quality aluminum products in no time. Pak Alumex's main distribution center also caters to large contract based orders.

ALLOY PROPERTIES

CHEMICAL COMPOSITION ALUMINIUM ALLOY 6063

	Min	Max.
Si	0.2	0.6 %
Fe	0.01	0.1 %
Cu	0.01	0.1 %
Mn	0.01	0.1 %
Mg	0.45	0.9 %
Cr	0.01	0.1 %
Ti	0.01	0.35 %
Other	0.01	0.05 %
Aluminium	Balance	

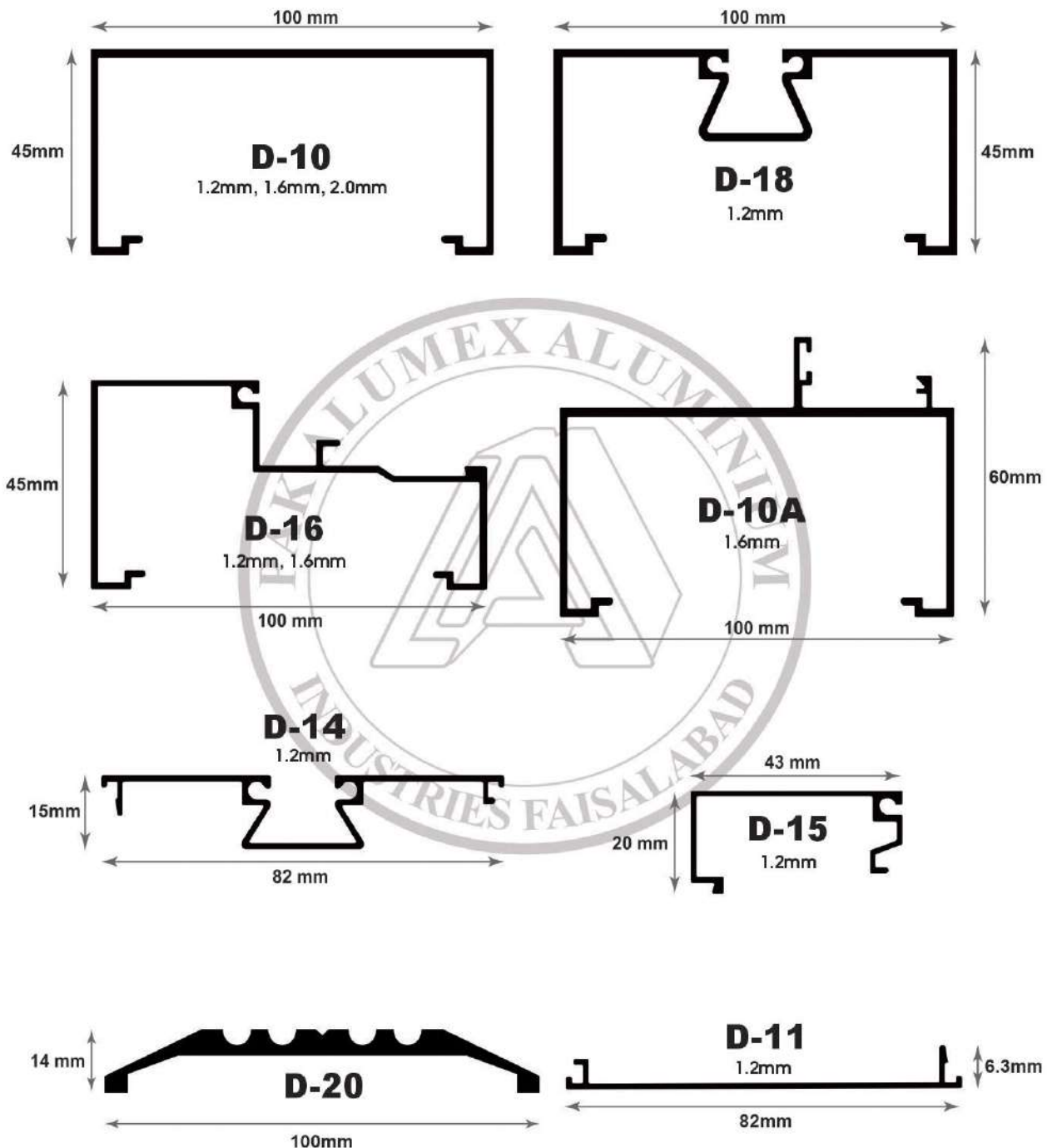
MECHANICAL PROPERTIES

Ultimate Tensile Strength	241 Mpa
Tensile Yield Strength	214 Mpa
Elongation at Break	12%
Hardness	12-15 HW
Shear Strength	152 Mpa
Fatigue Strength	68.9 Mpa

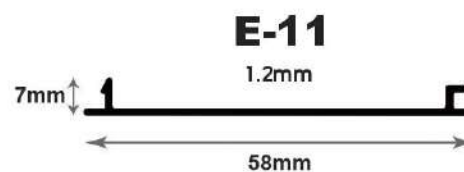
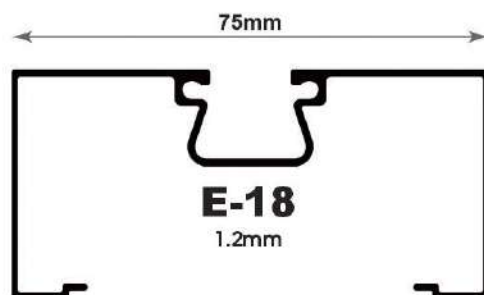
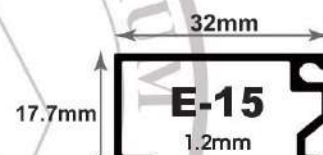
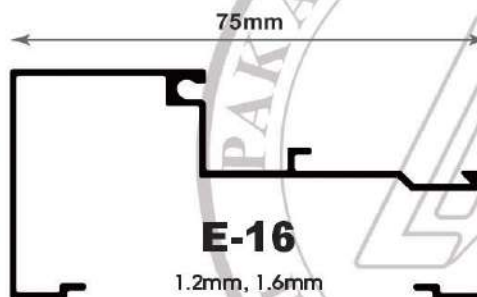
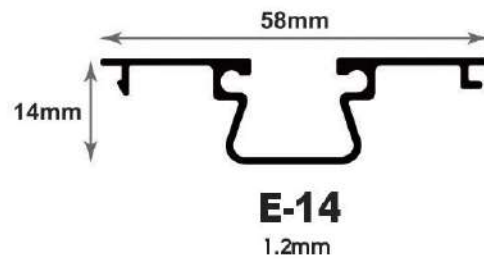
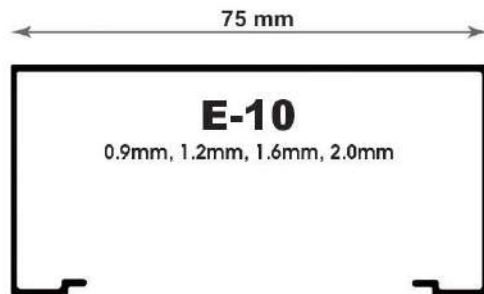
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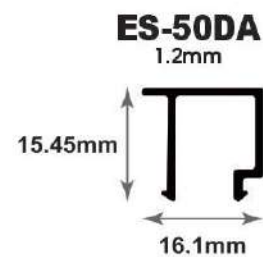
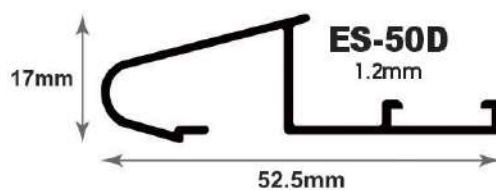
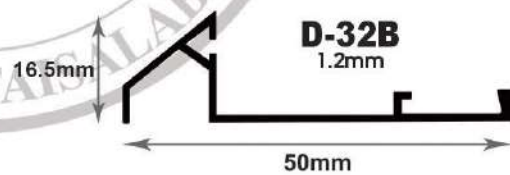
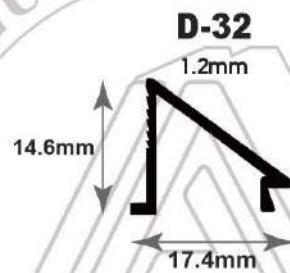
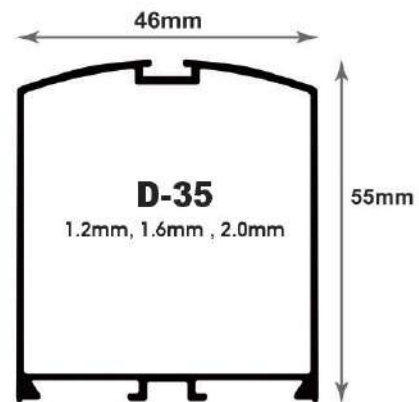
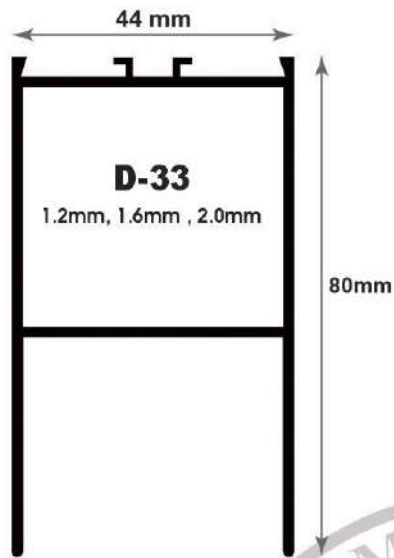
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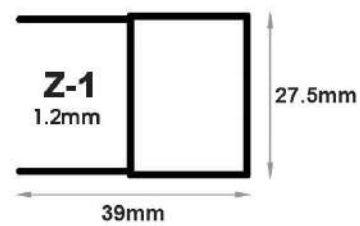
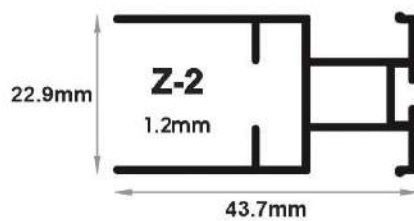
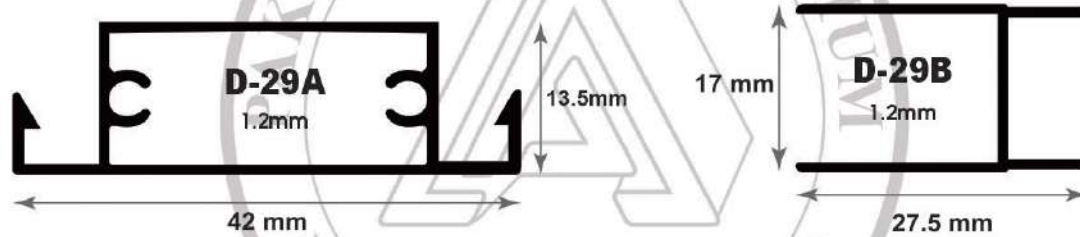
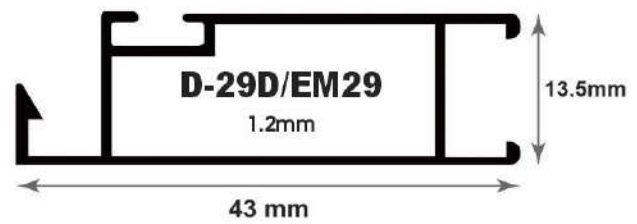
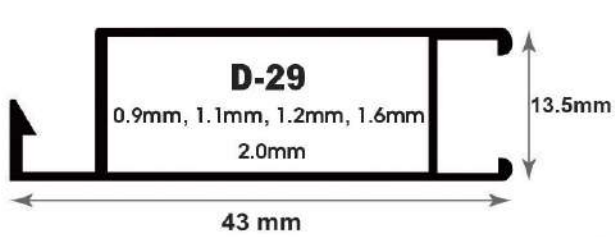
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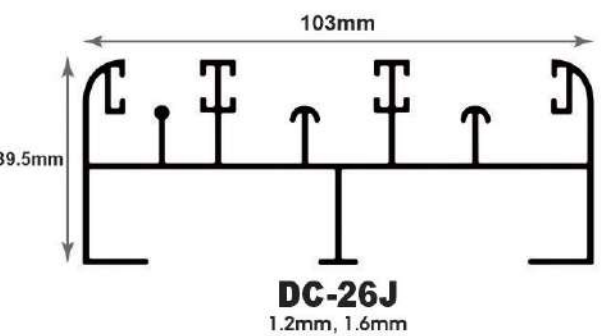
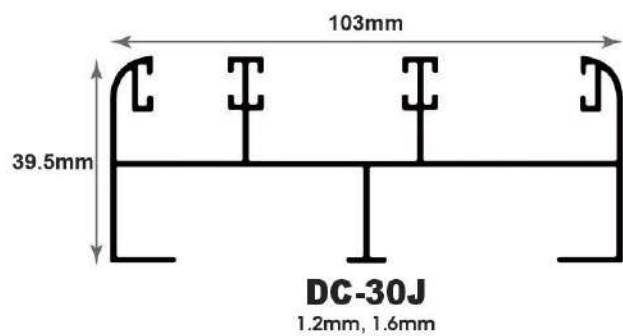
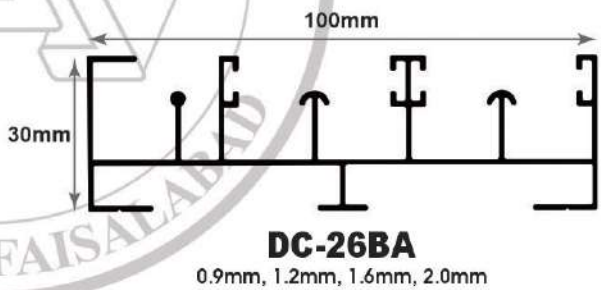
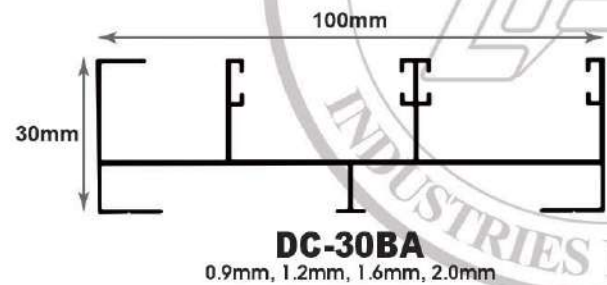
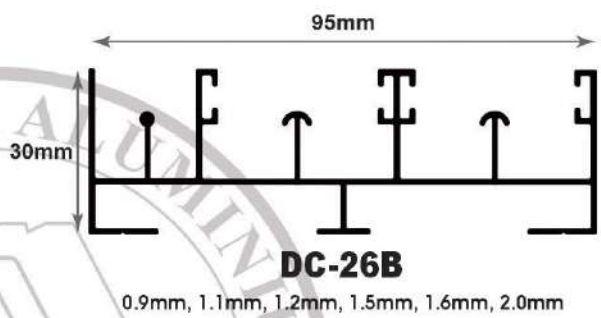
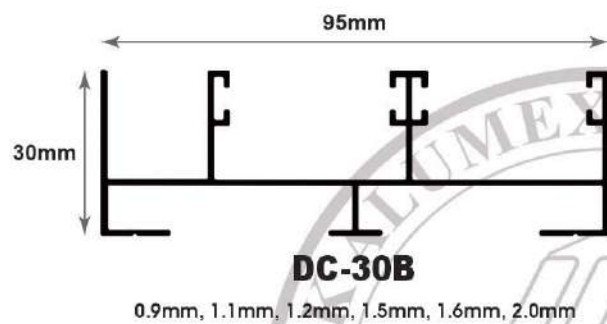
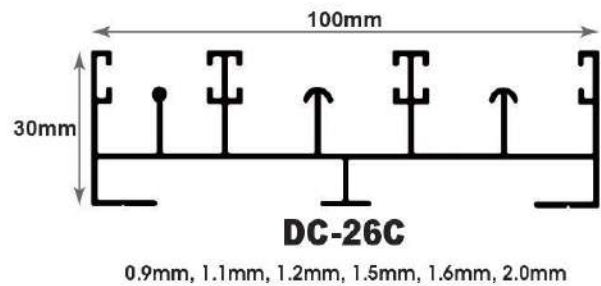
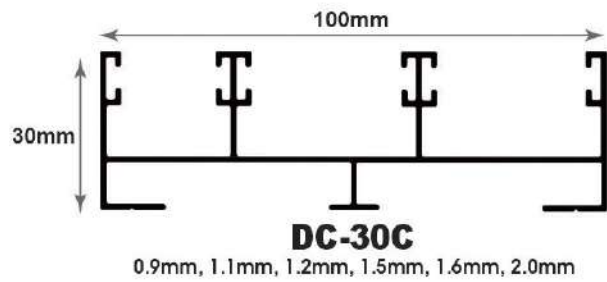
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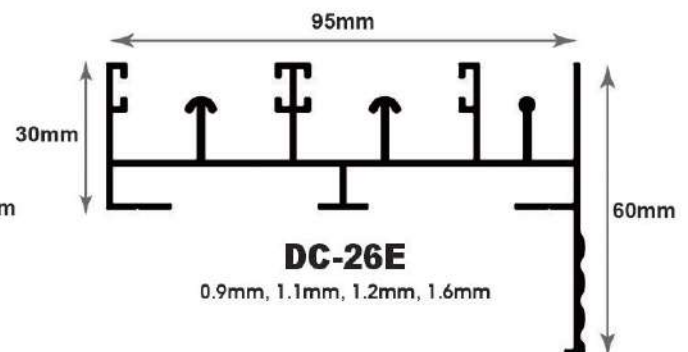
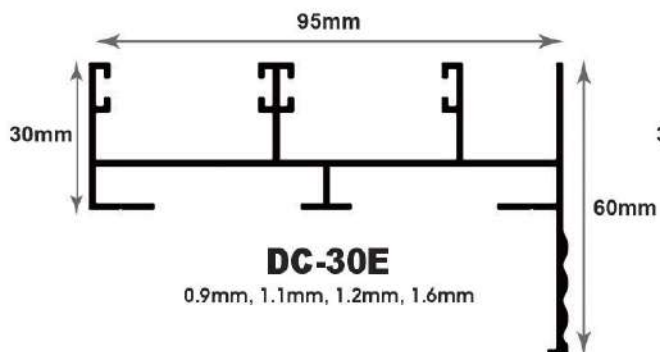
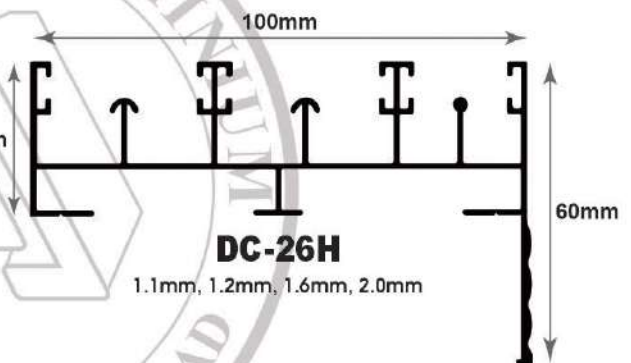
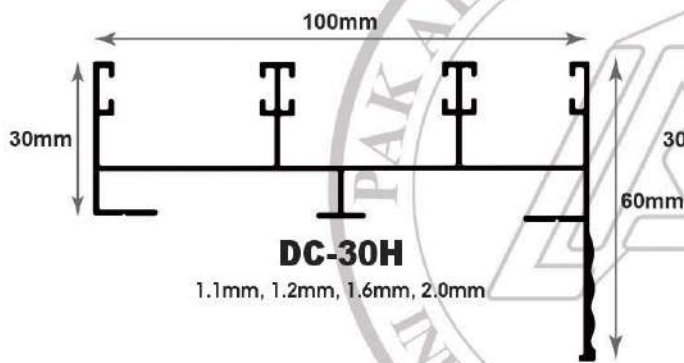
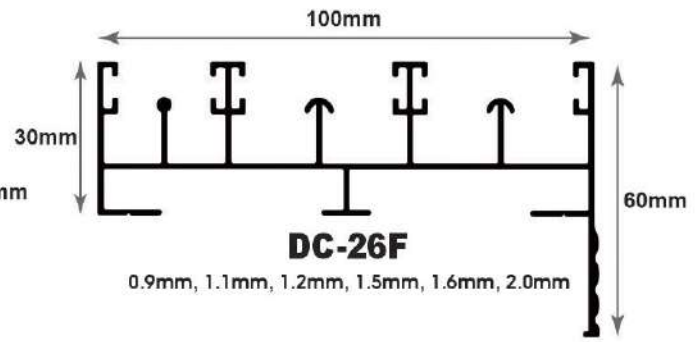
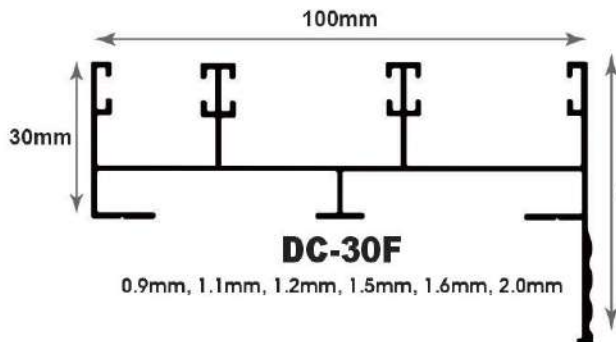
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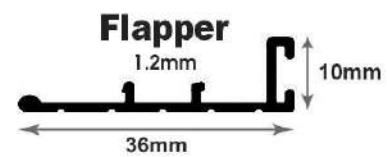
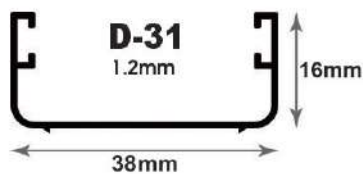
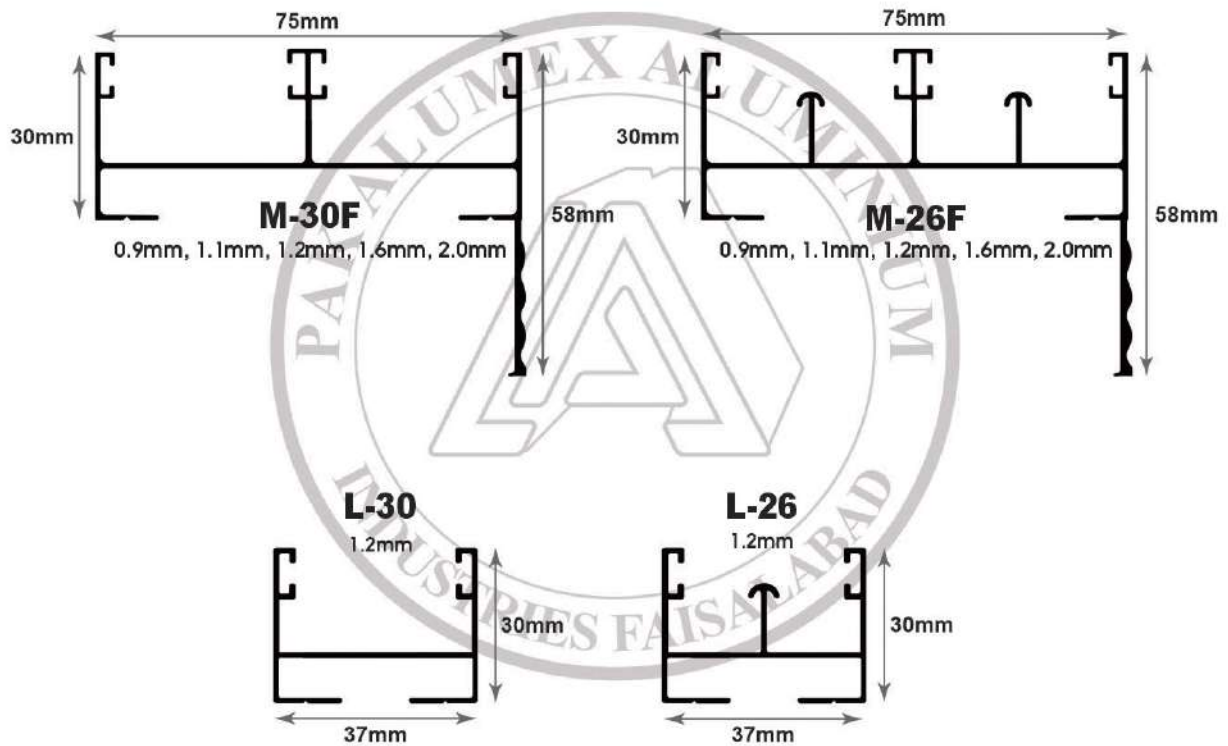
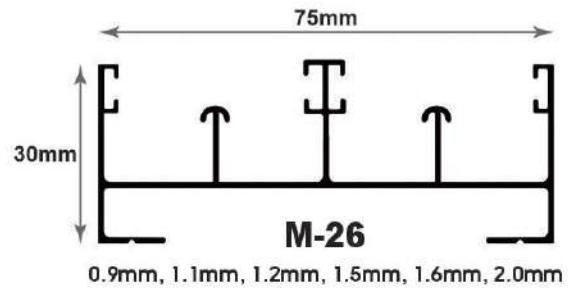
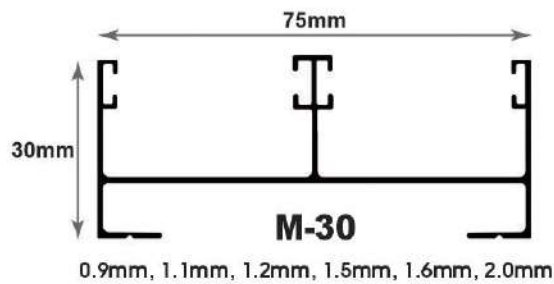
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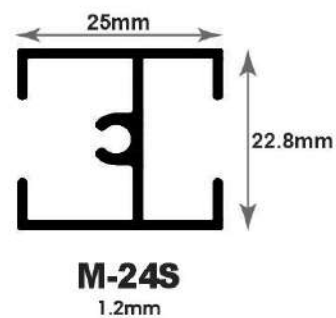
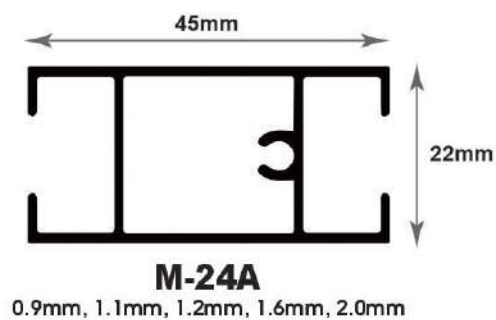
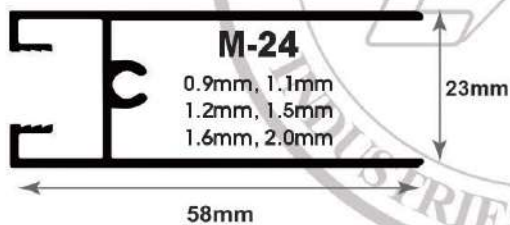
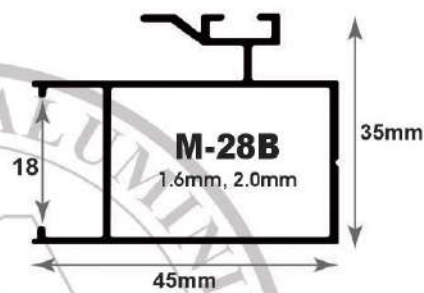
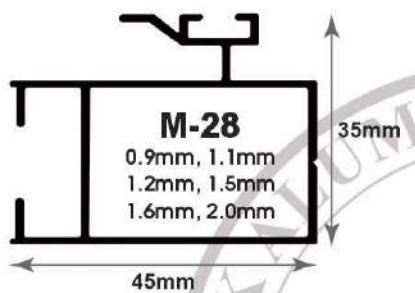
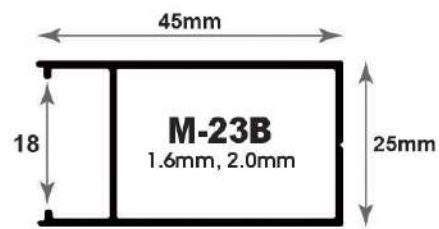
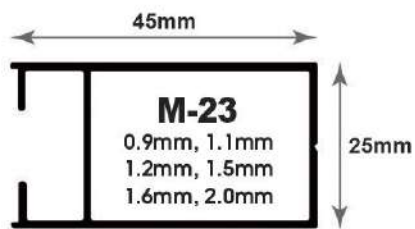
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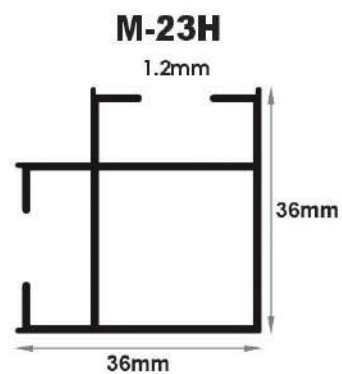
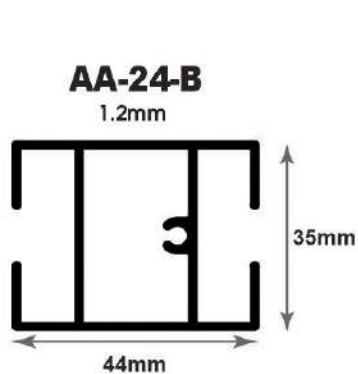
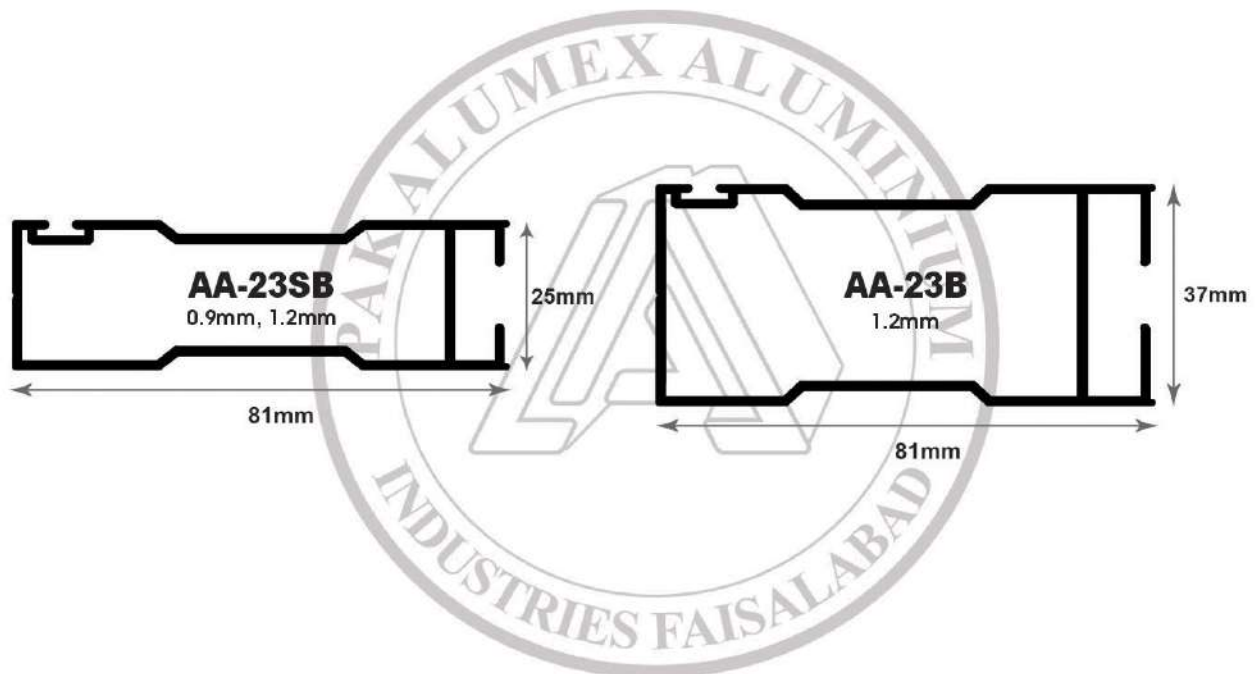
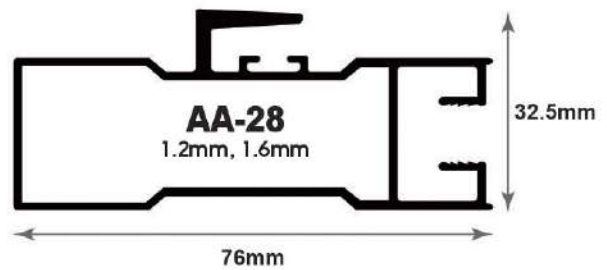
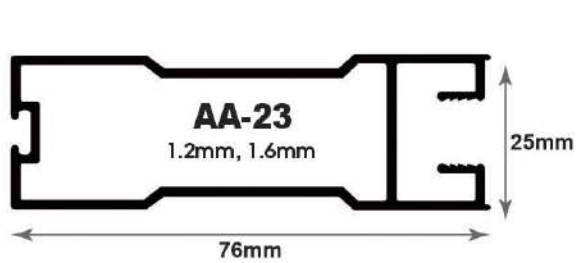
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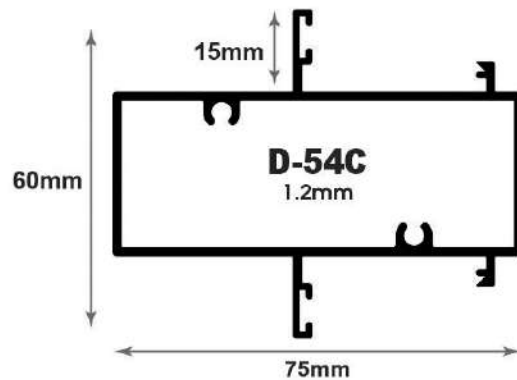
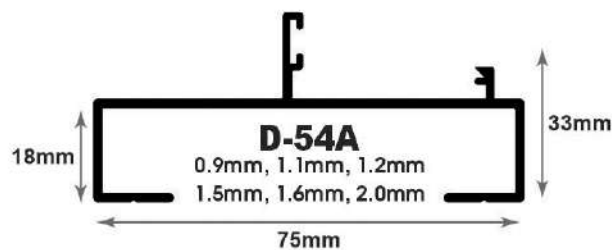
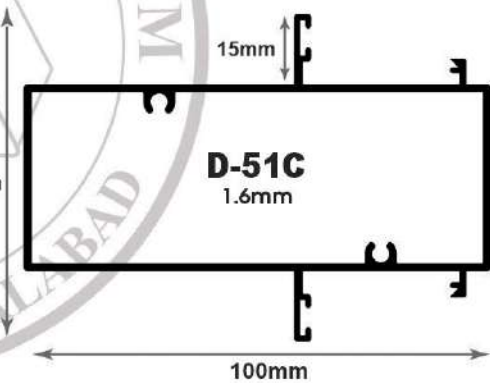
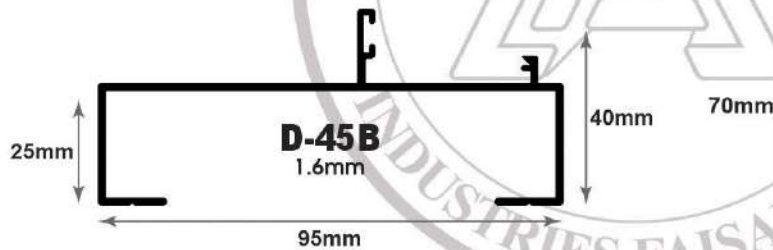
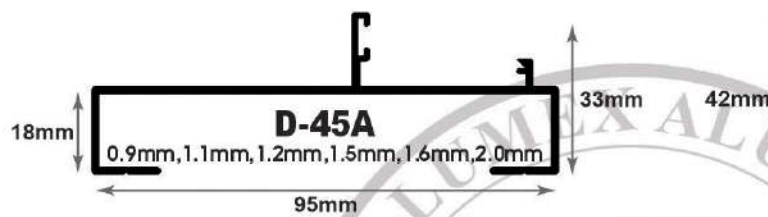
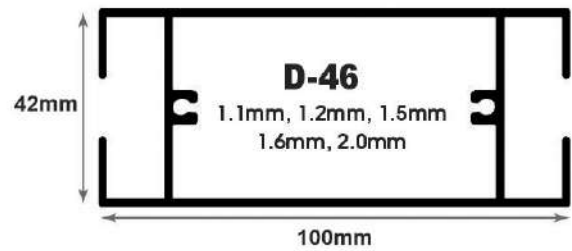
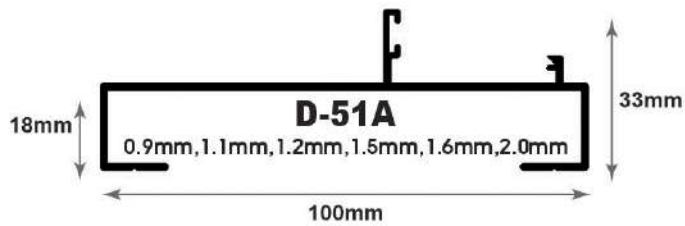
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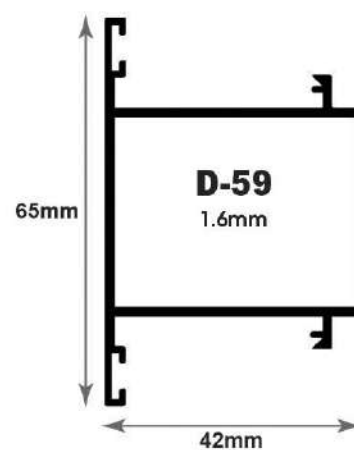
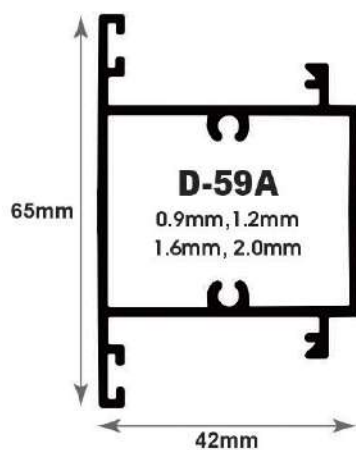
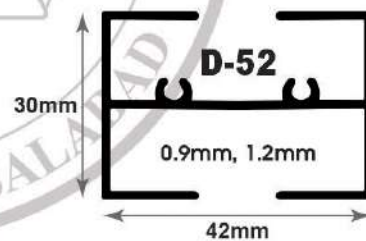
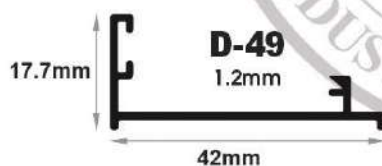
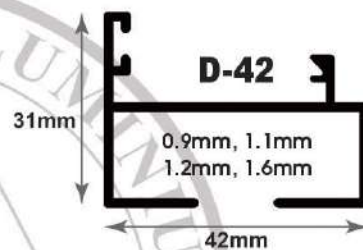
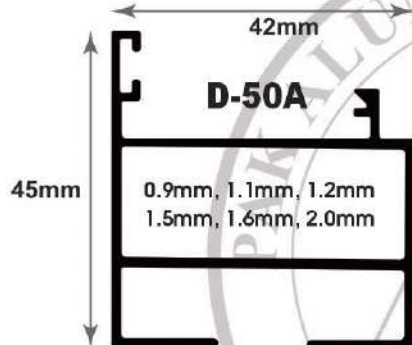
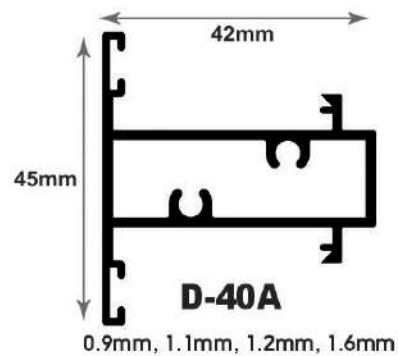
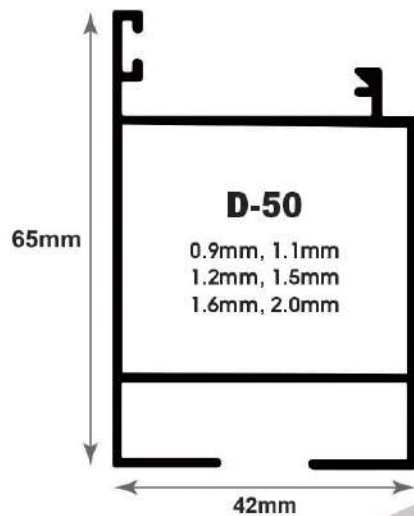
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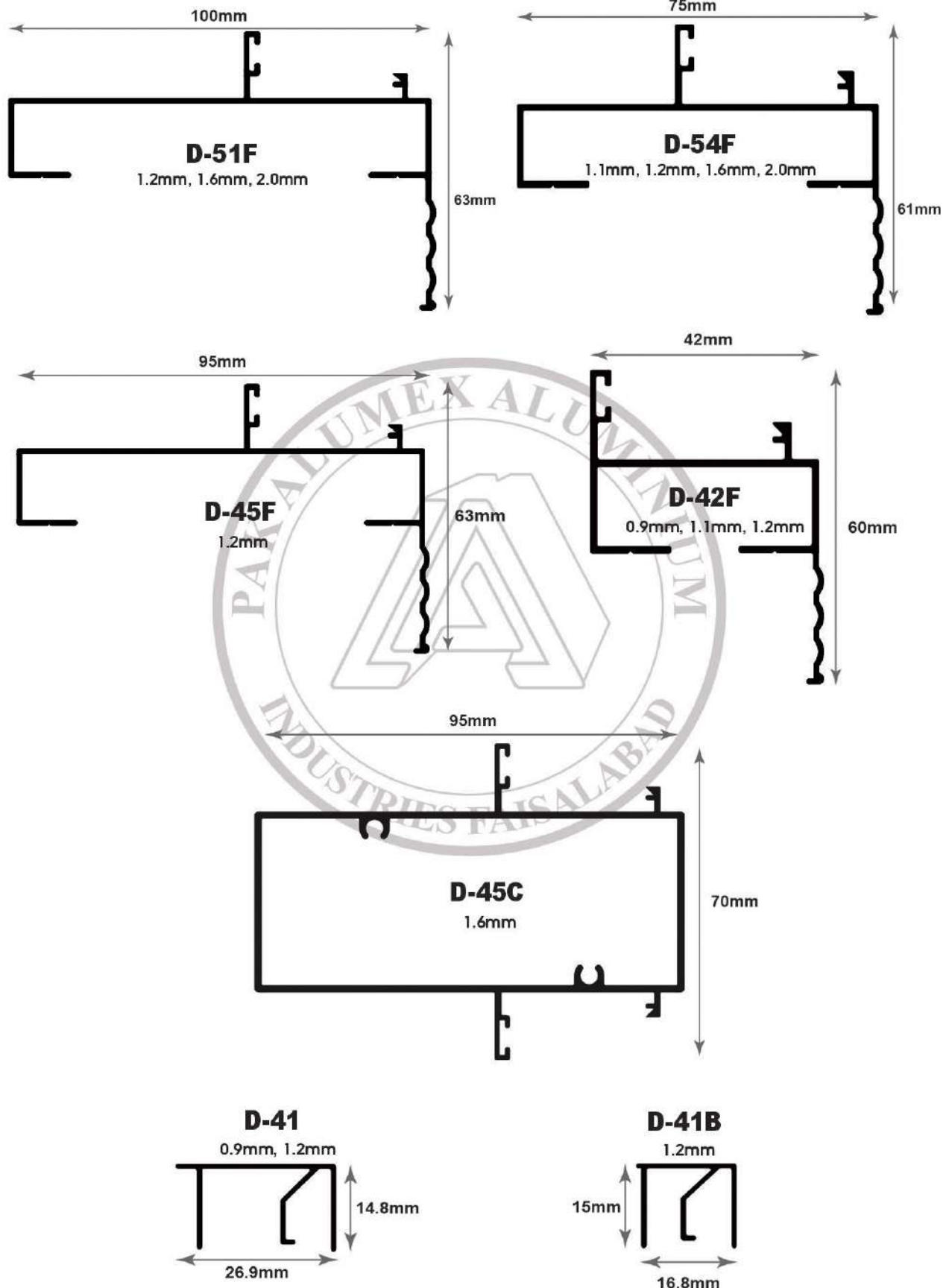
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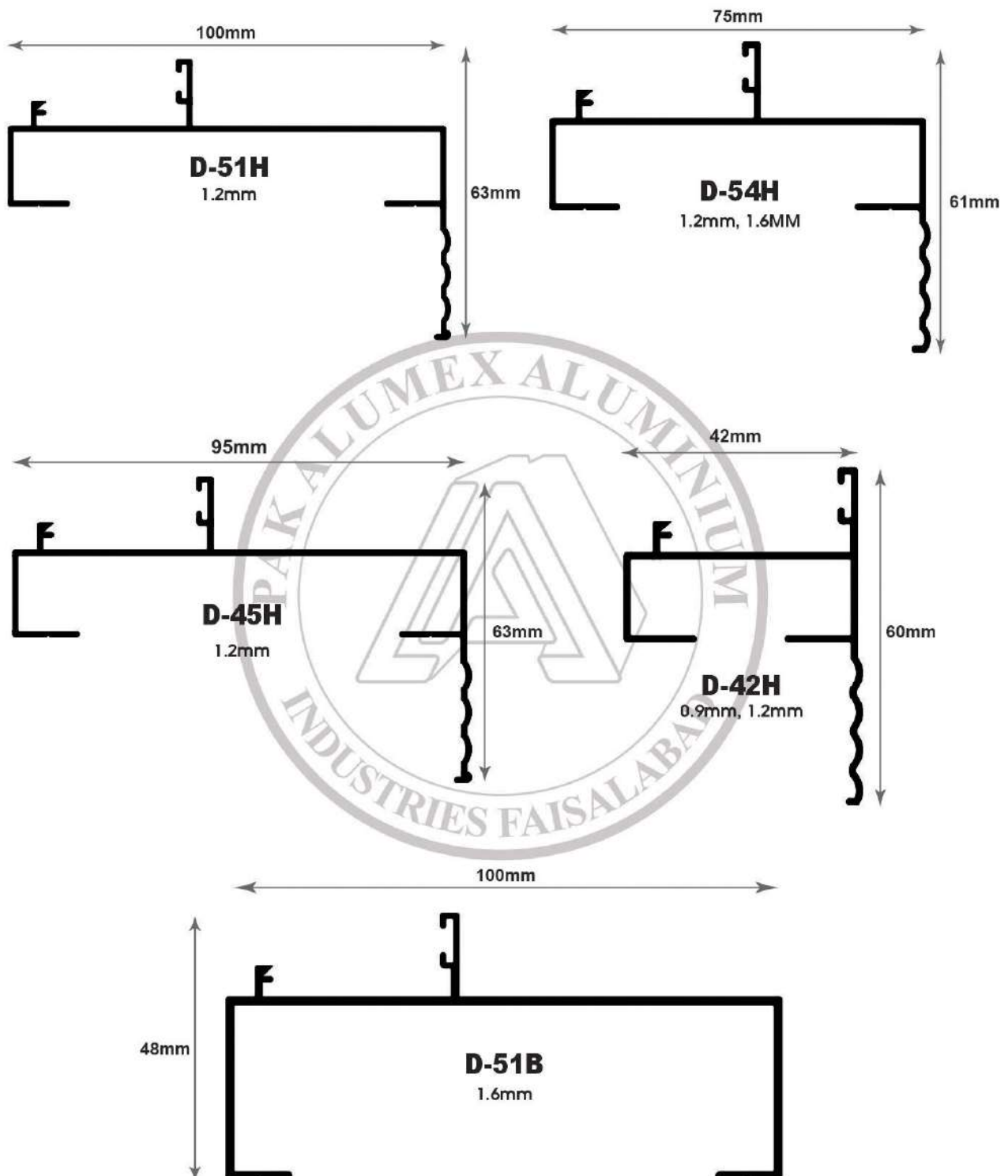
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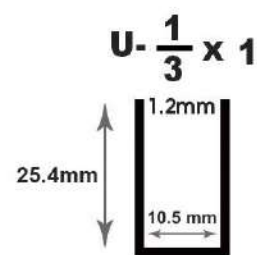
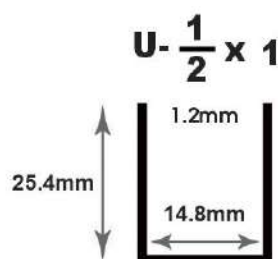
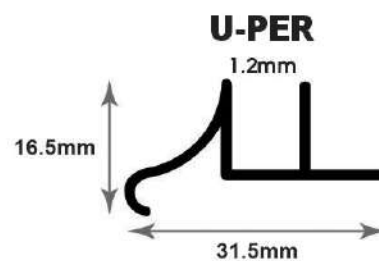
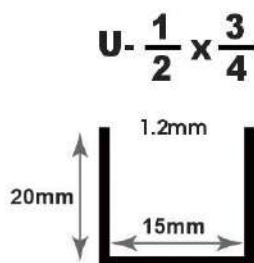
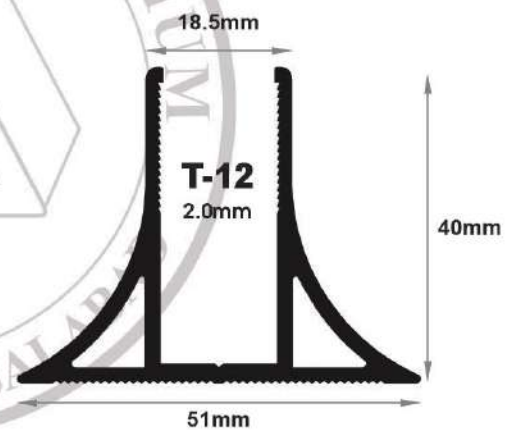
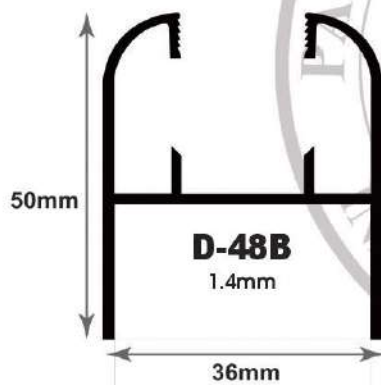
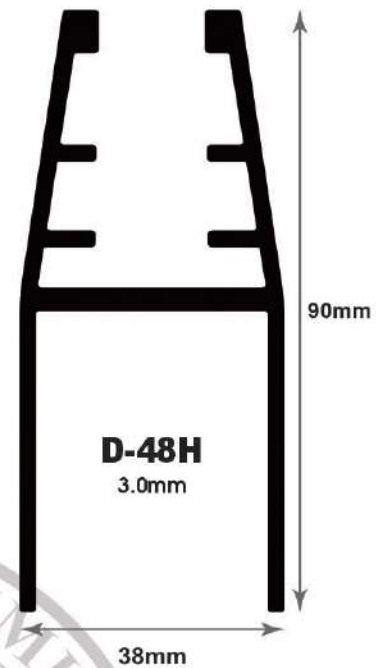
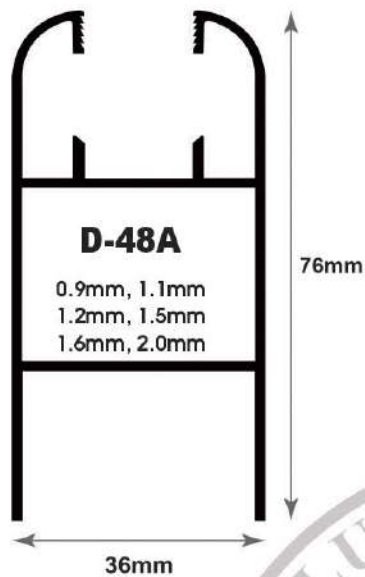
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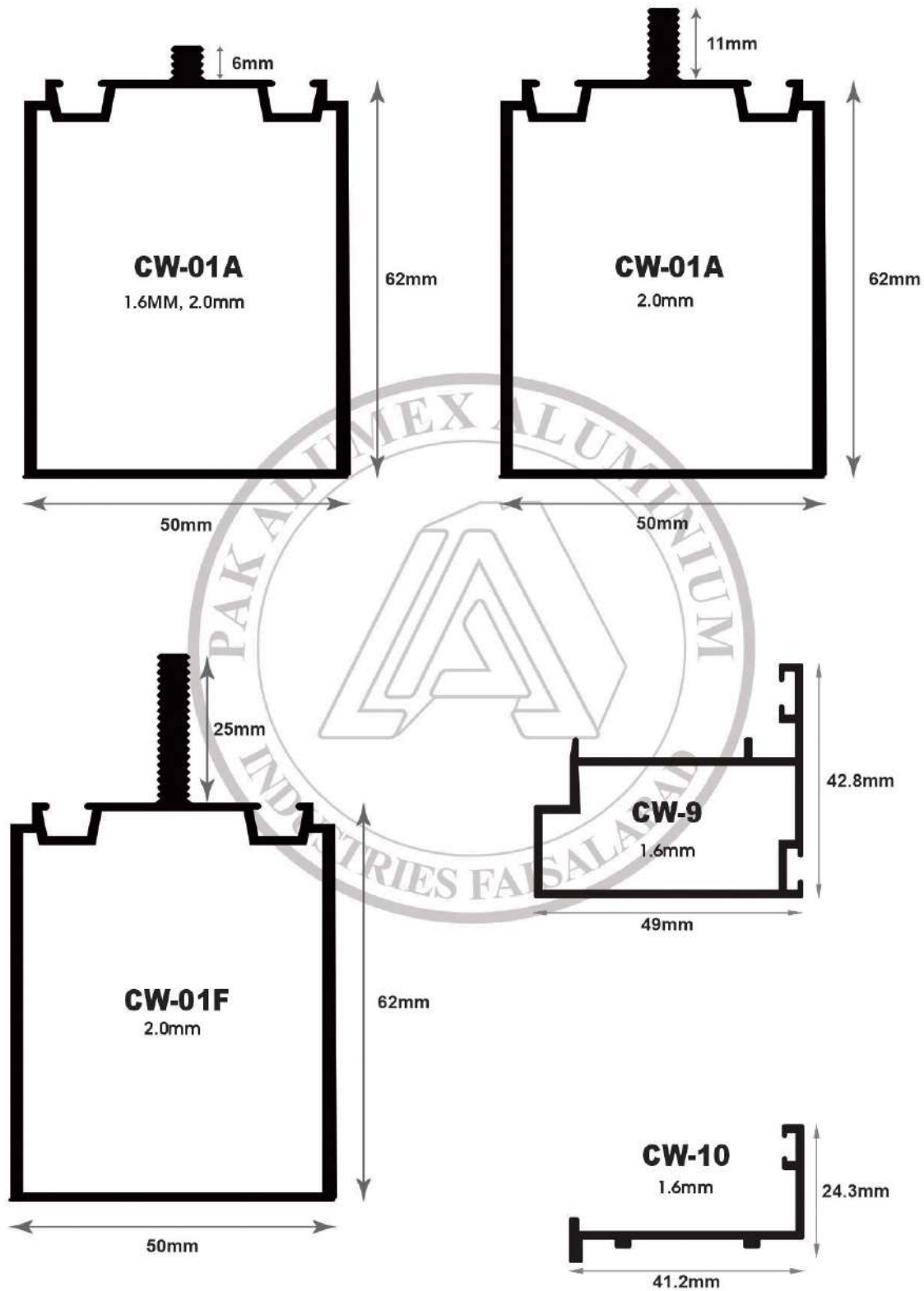
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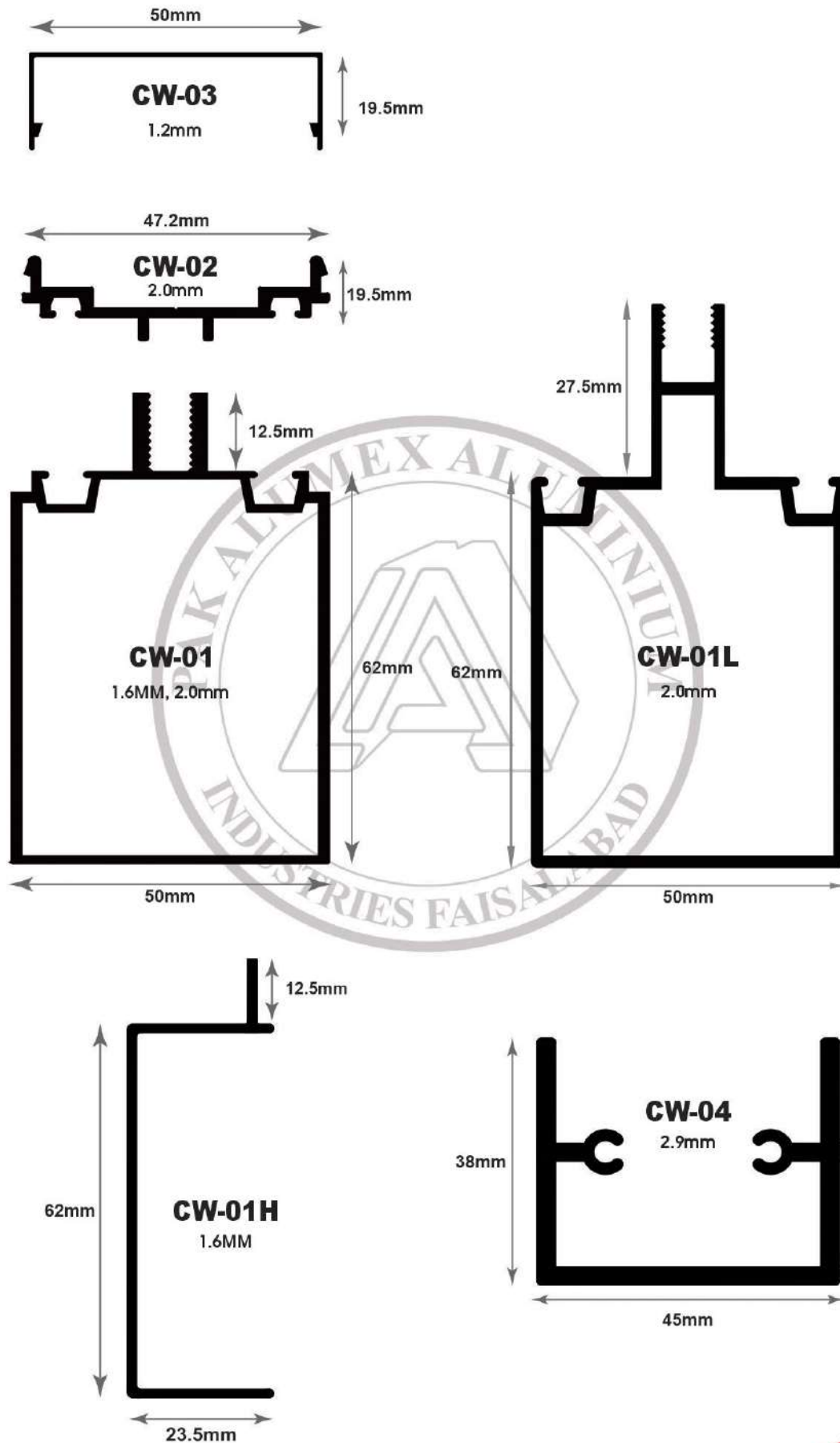
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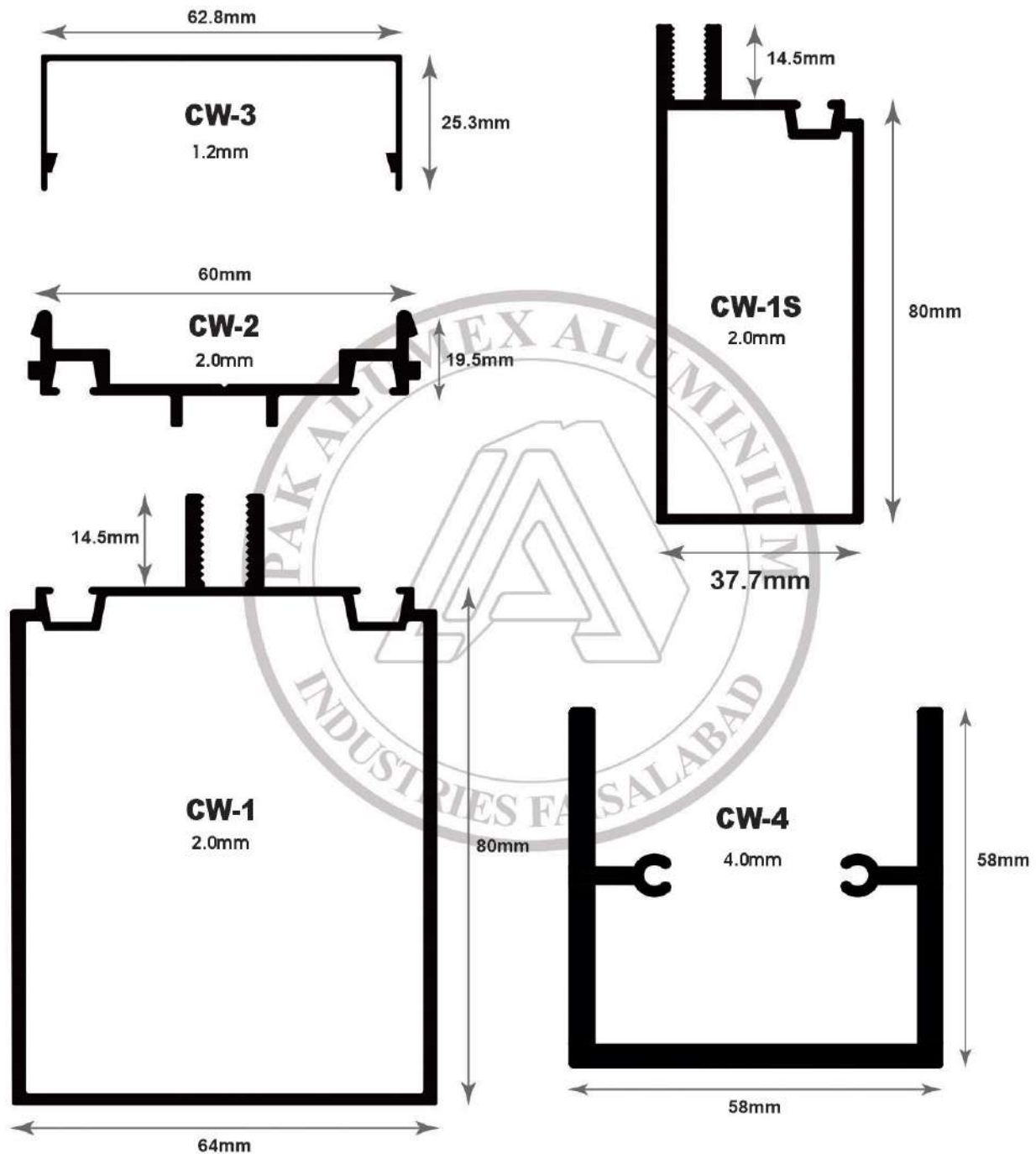
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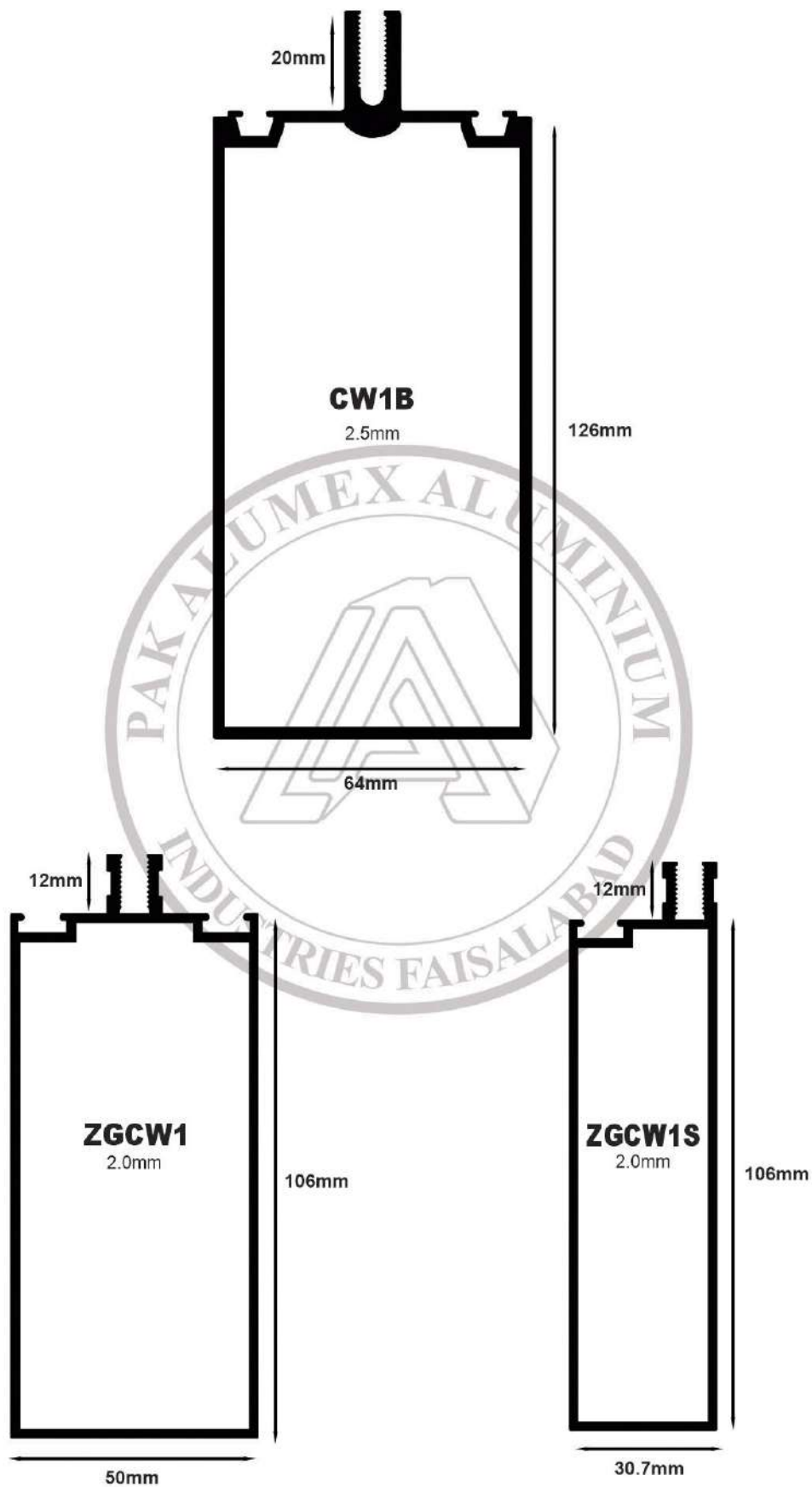
CURTAIN WALL SECTIONS



CURTAIN WALL SECTIONS



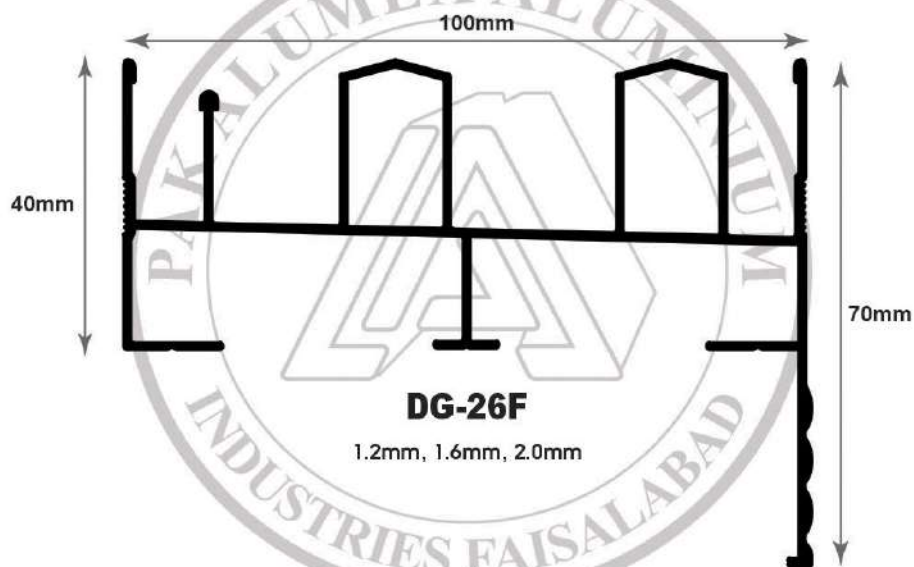
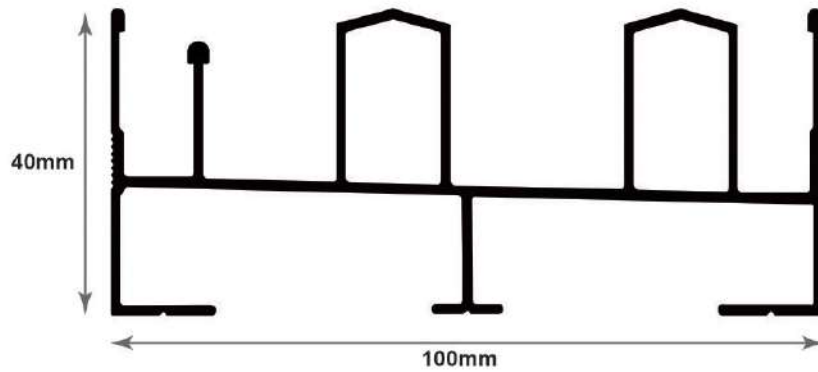
CURTAIN WALL SECTIONS



DOUBLE GLAZE WINDOW SERIES

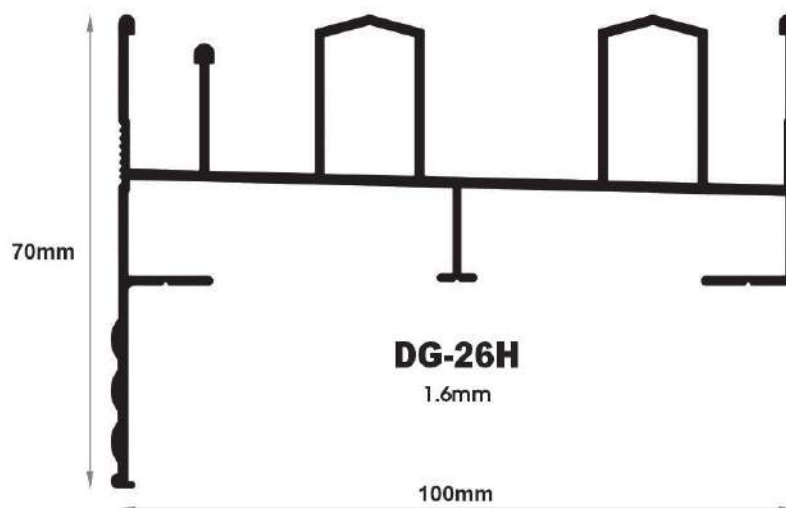
DG-26

1.2mm, 1.5mm, 1.6mm, 2.0mm



DG-26F

1.2mm, 1.6mm, 2.0mm



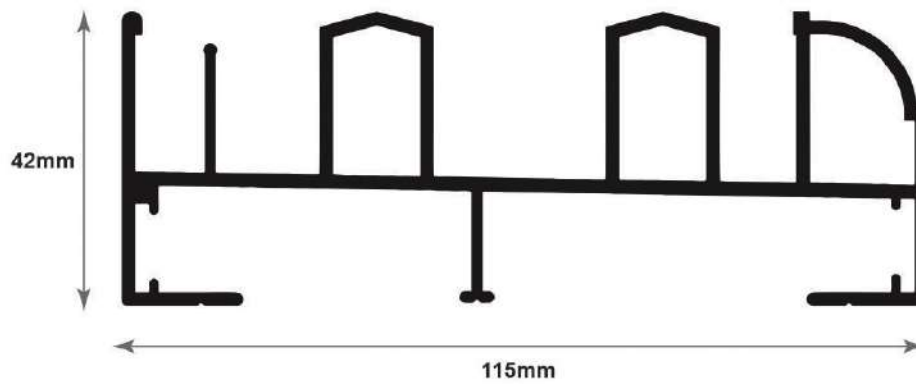
DG-26H

1.6mm

DOUBLE GLAZE WINDOW SERIES

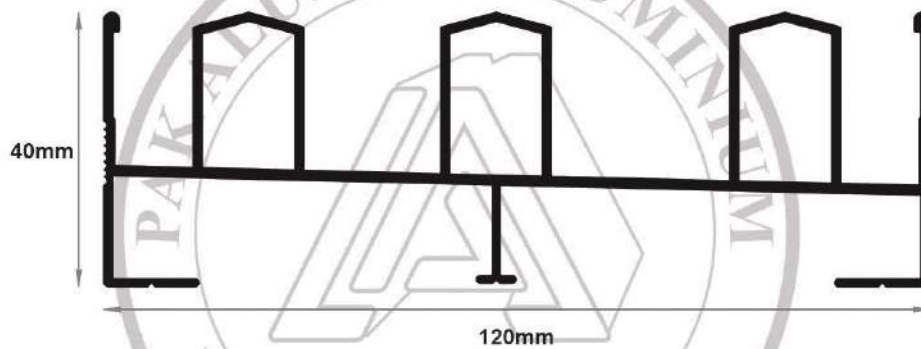
DG-26A / GSPR-1

2.0mm



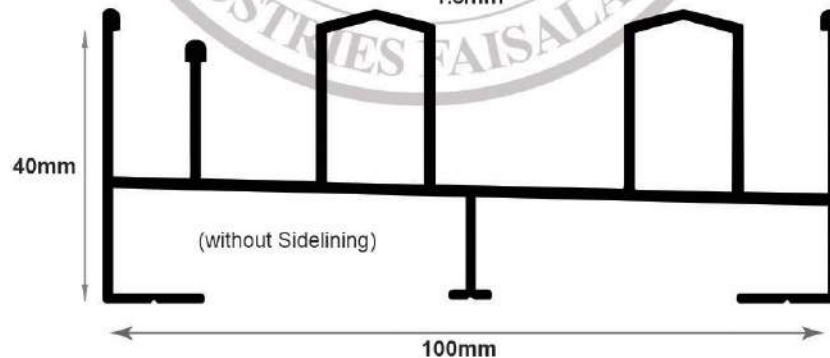
DG-26E

1.6mm



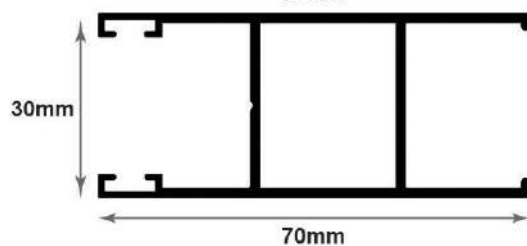
DG-26P (without Sidelining)

1.6mm



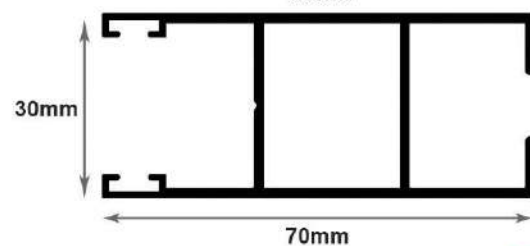
DG-23P (without Sidelining)

1.6mm

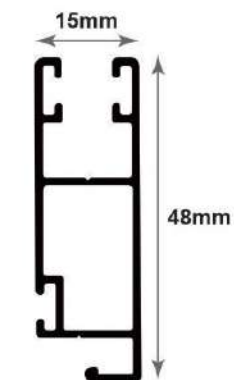
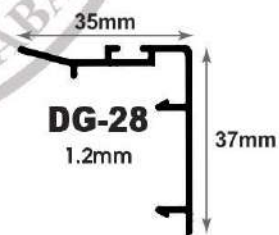
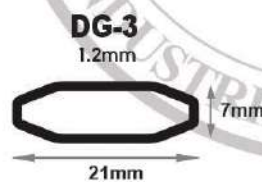
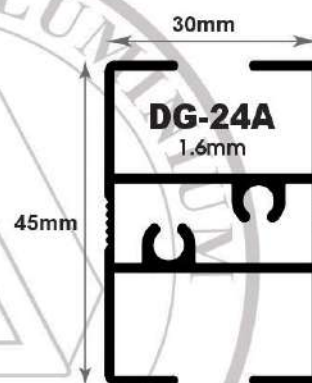
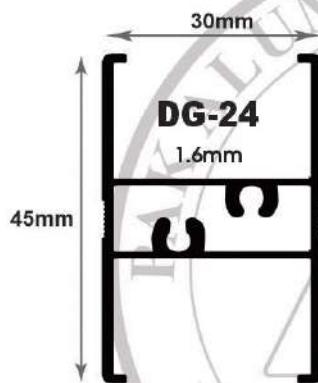
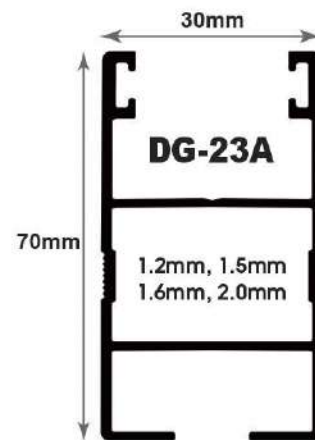
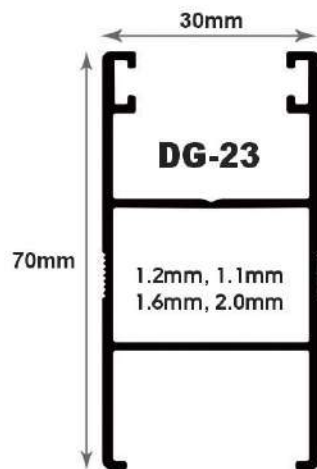


DG-23AP (without Sidelining)

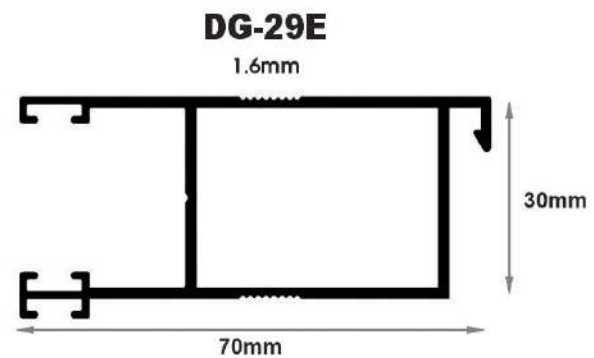
1.6mm



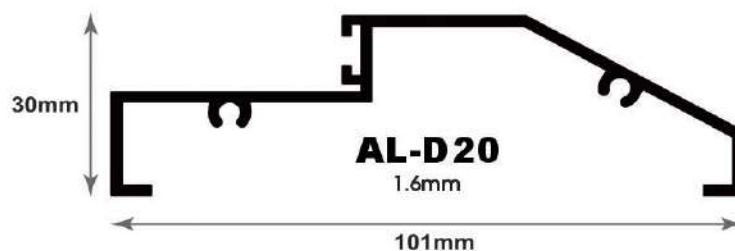
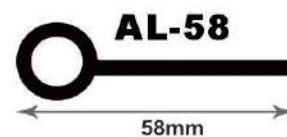
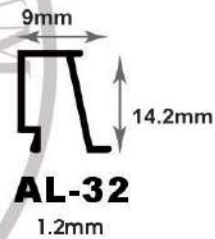
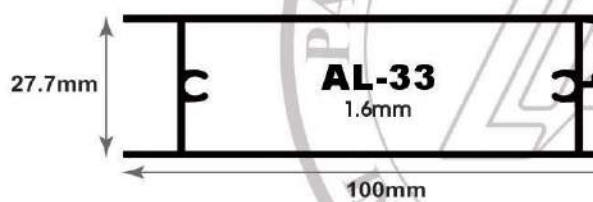
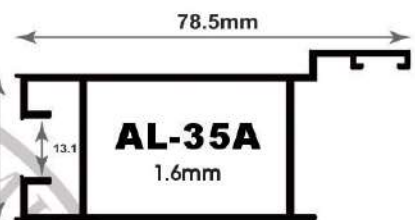
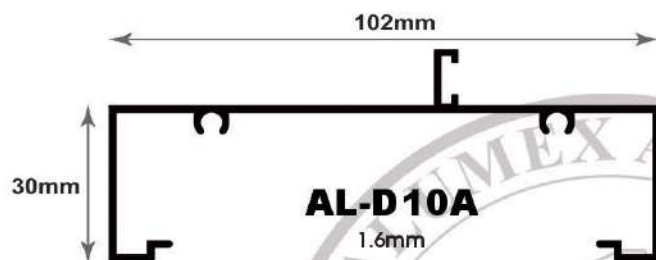
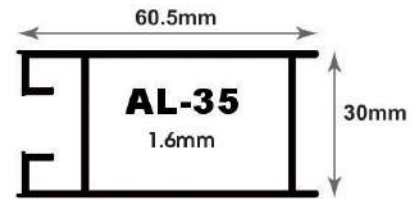
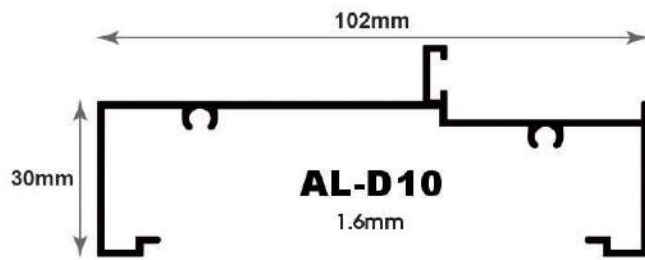
DOUBLE GLAZE WINDOW SERIES



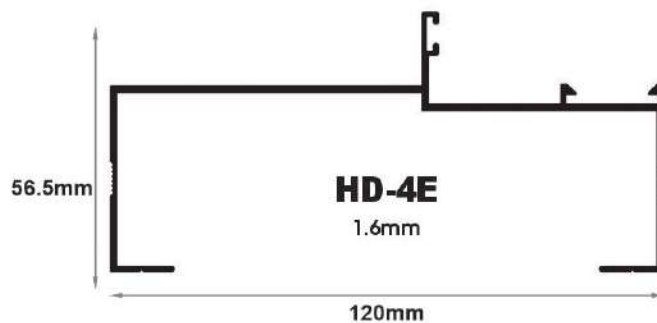
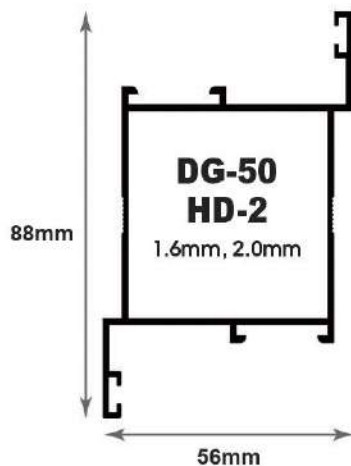
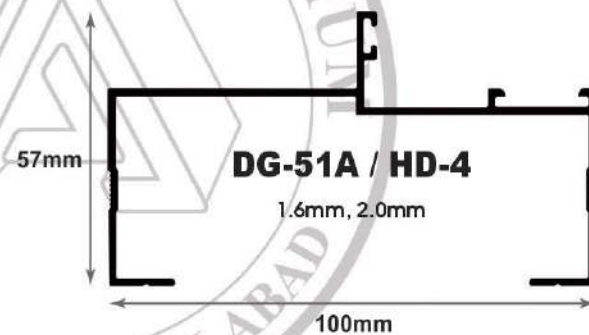
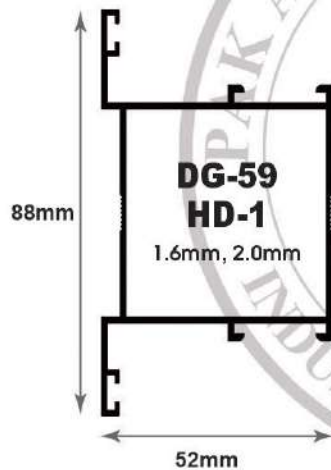
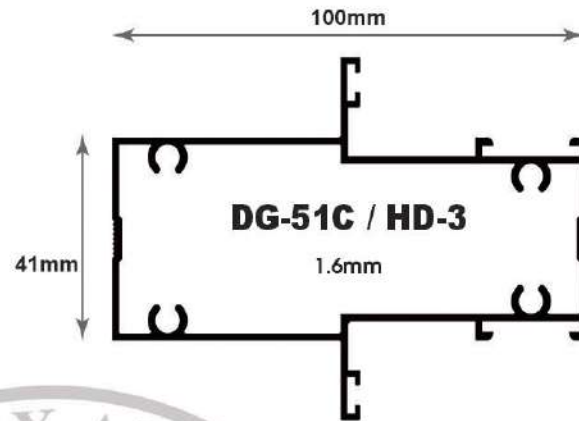
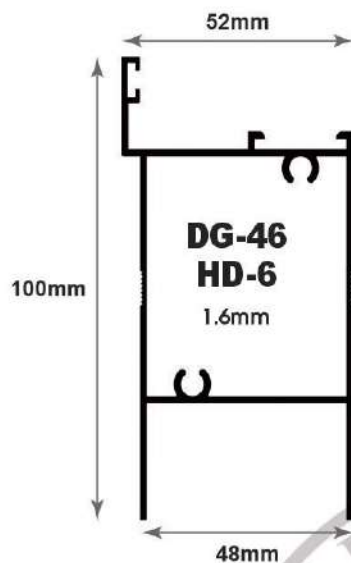
DG-29
1.2MM, 1.6mm



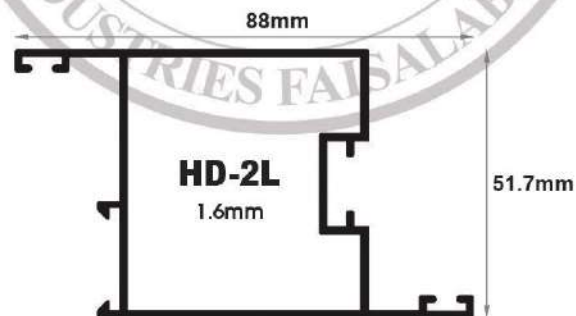
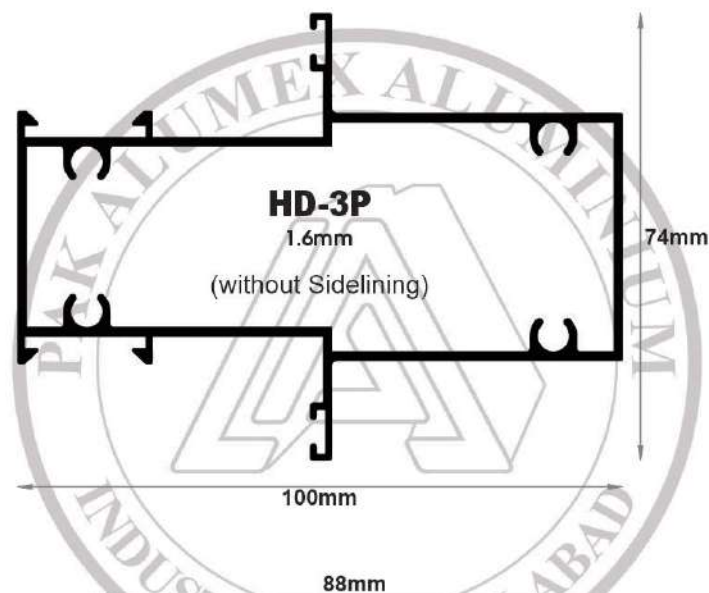
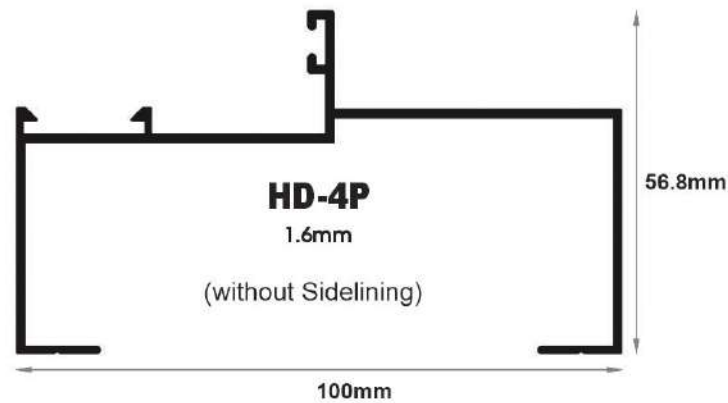
AL-SERIES DOOR SECTIONS



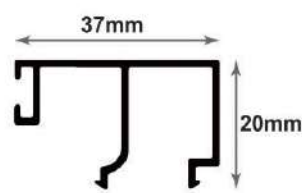
DOUBLE GLAZE DOOR SERIES



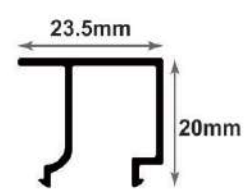
DOUBLE GLAZE DOOR SERIES



DG-57 / HD-11
3.0mm

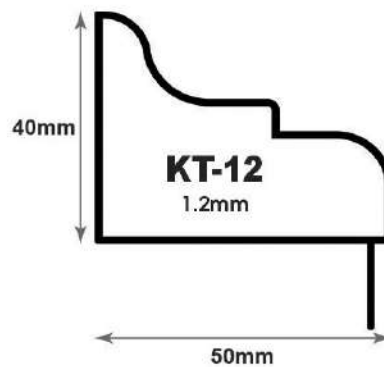
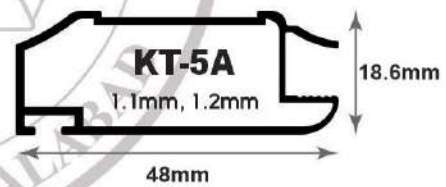
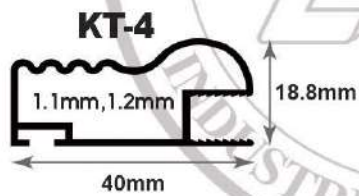
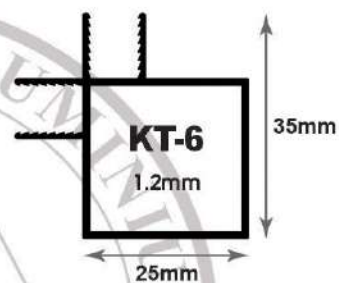
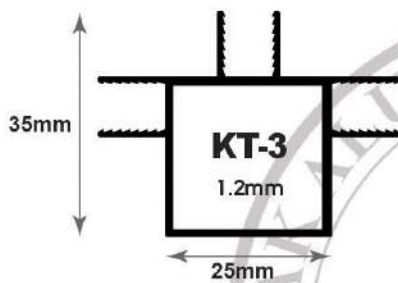
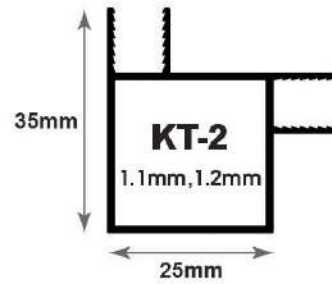
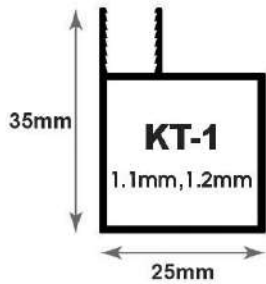


DG-41E / HD-7
1.2mm

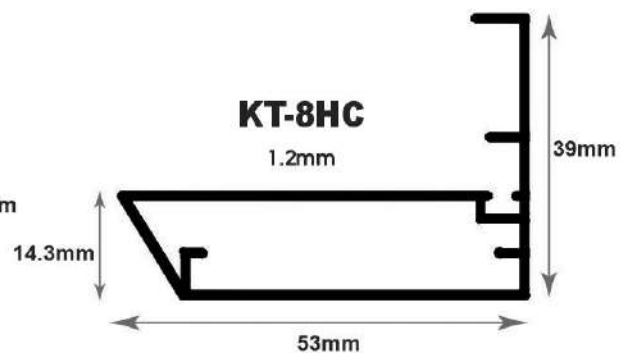
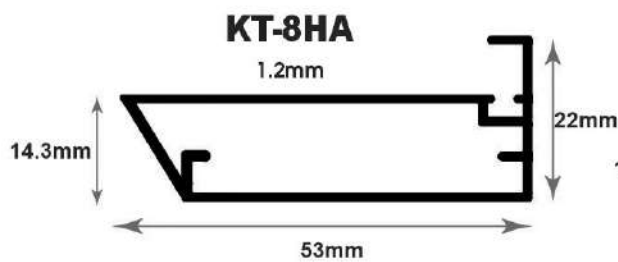
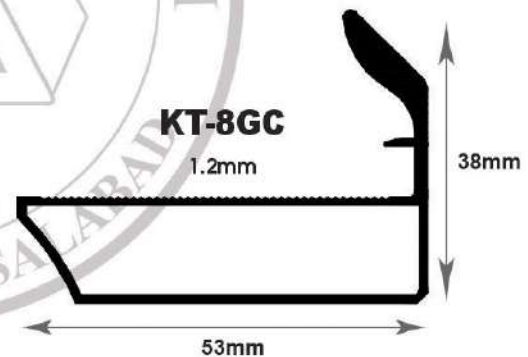
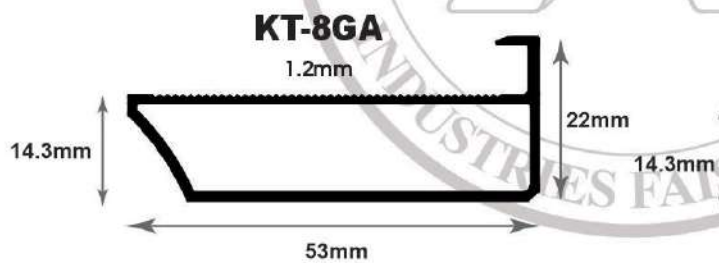
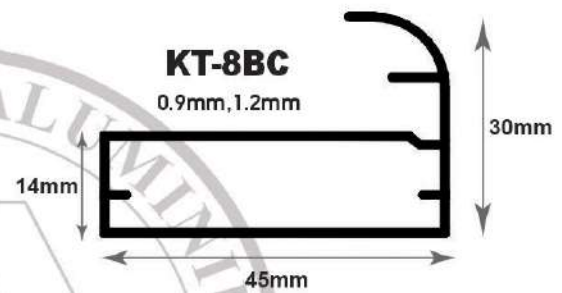
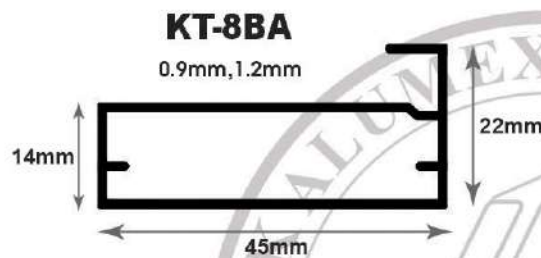
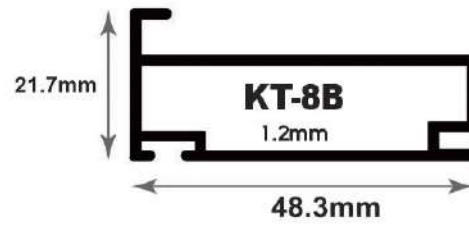
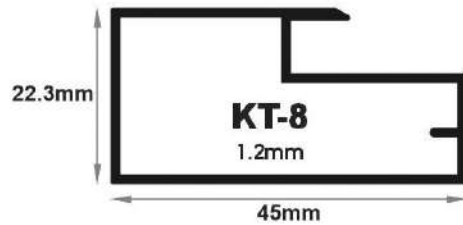


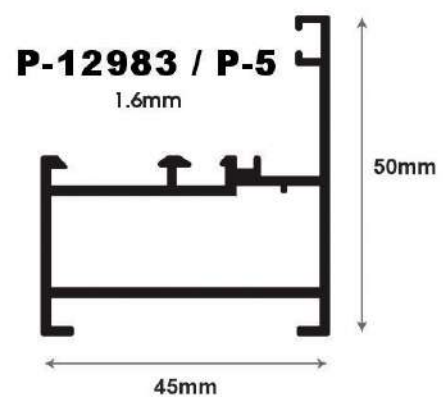
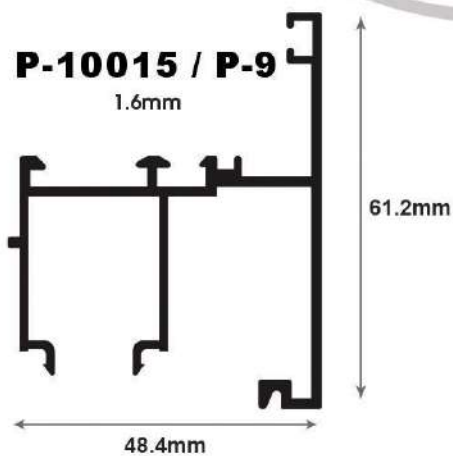
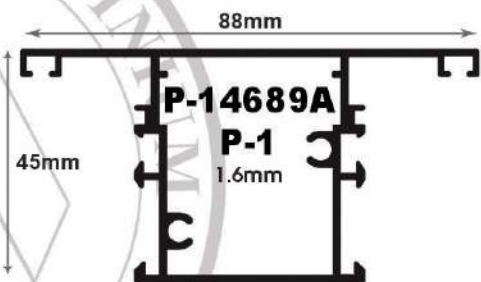
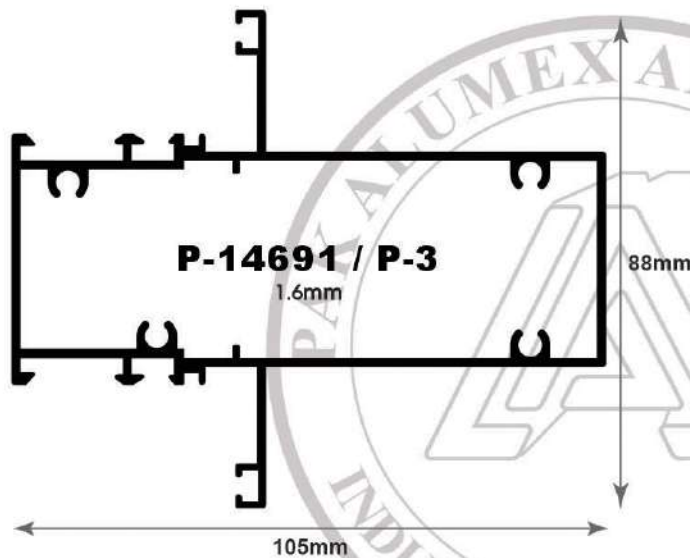
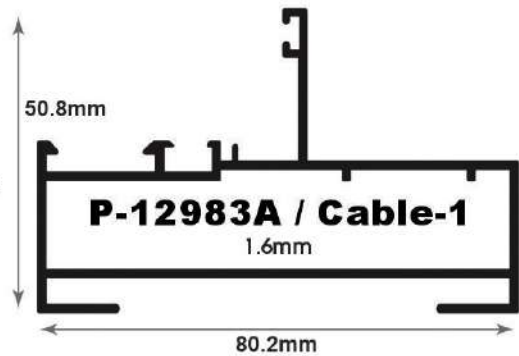
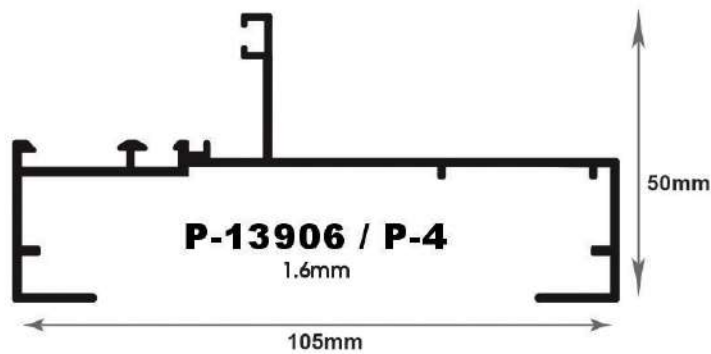
DG-41 / HD-8
1.2mm

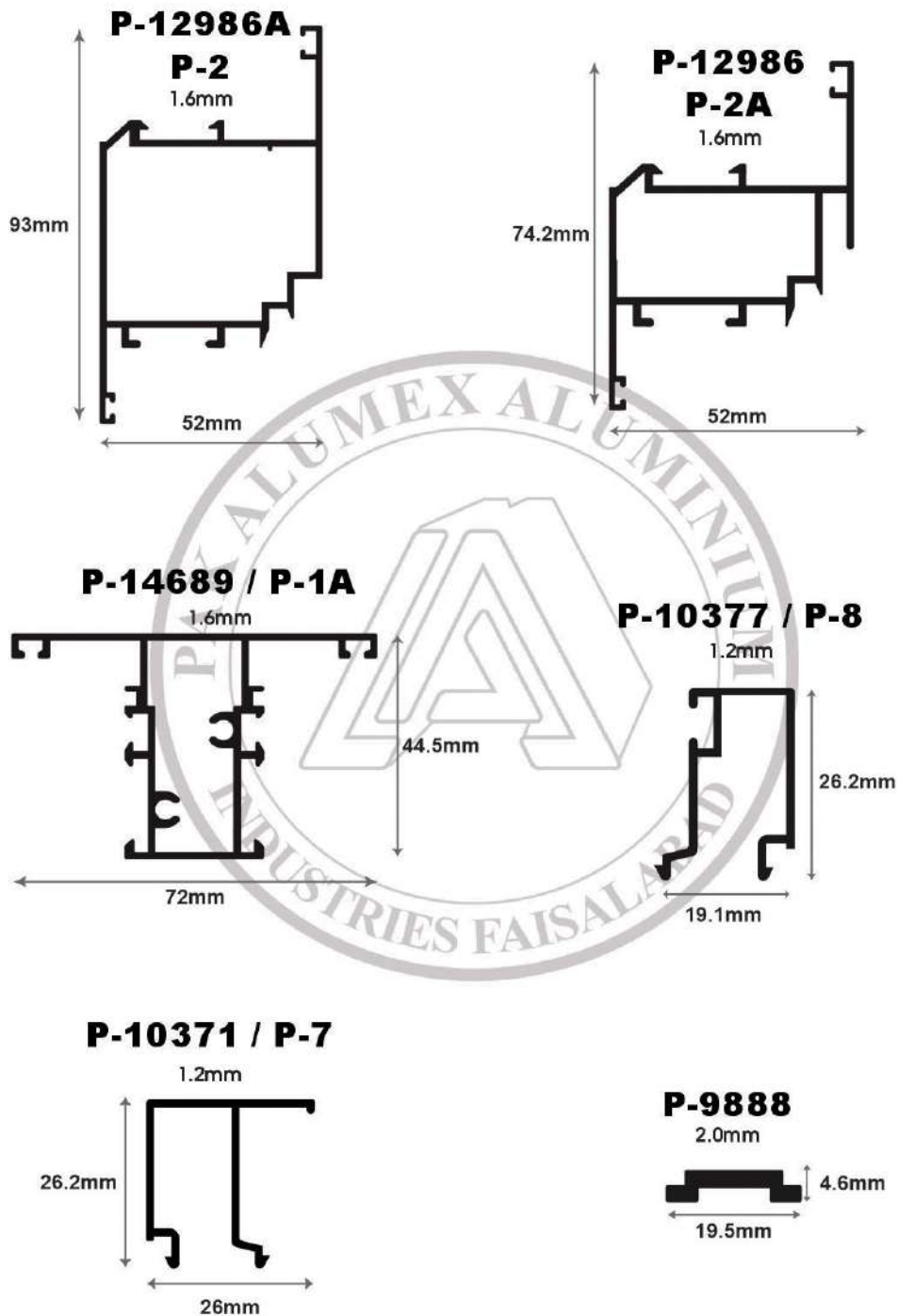
KITCHEN SECTION SERIES



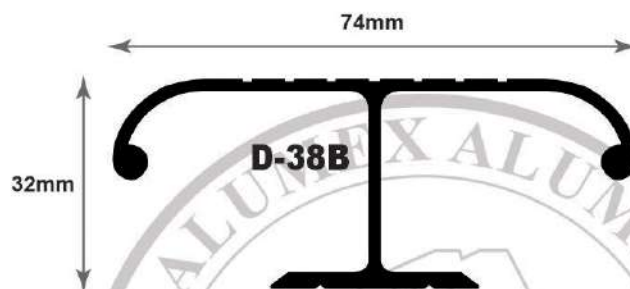
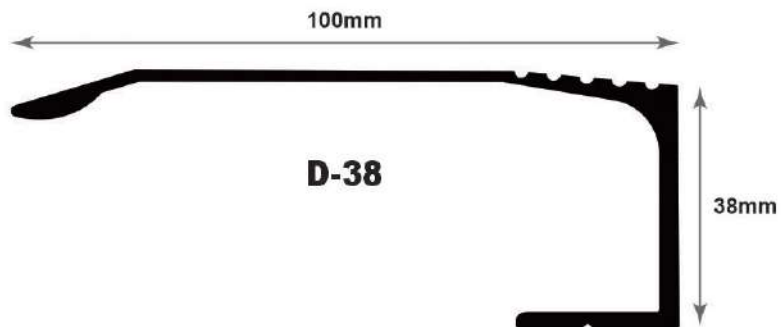
KITCHEN SECTION SERIES



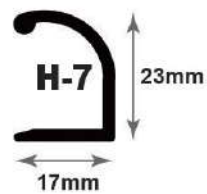
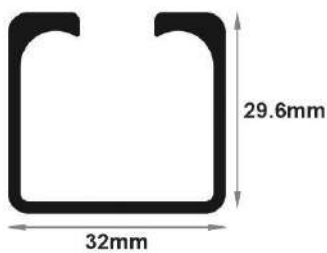




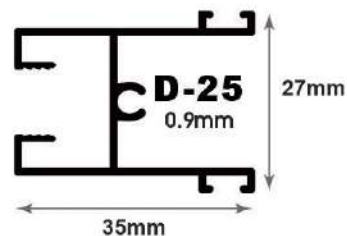
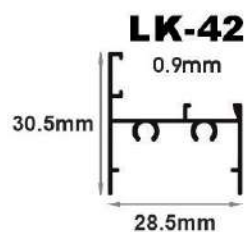
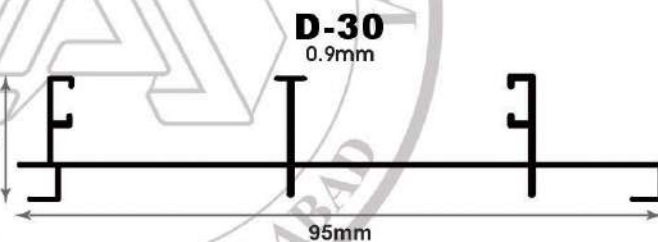
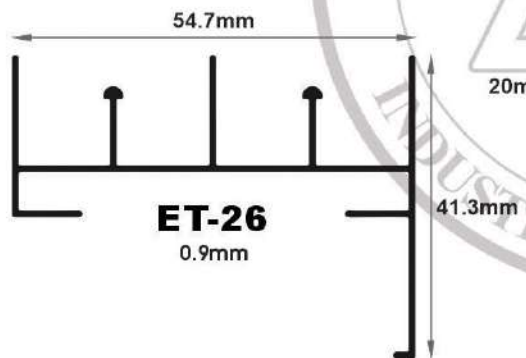
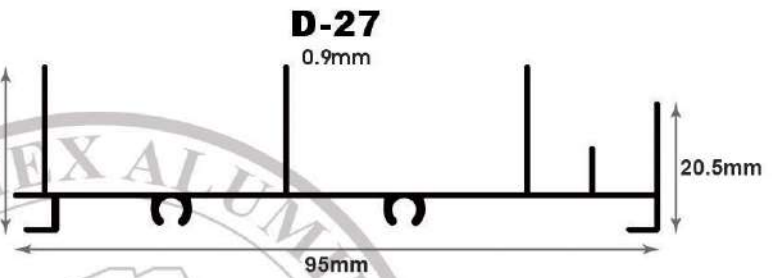
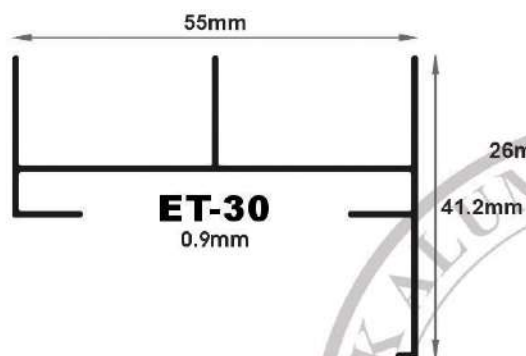
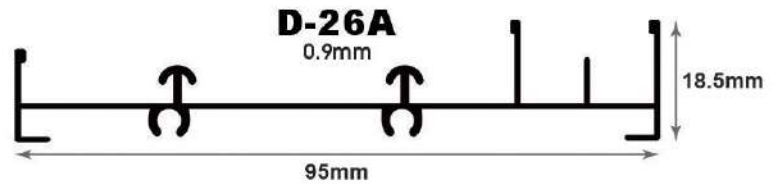
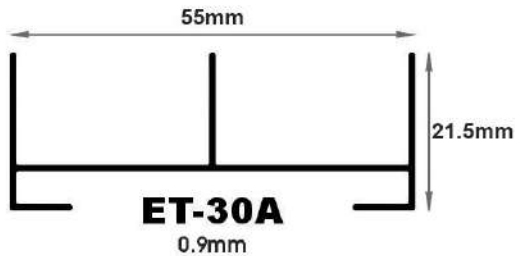
DOOR HANDLE SECTIONS



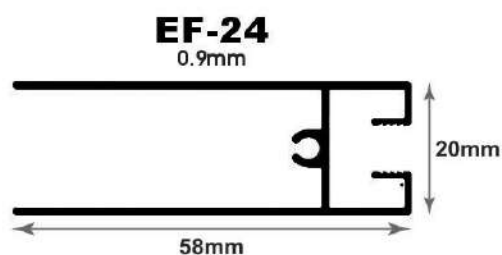
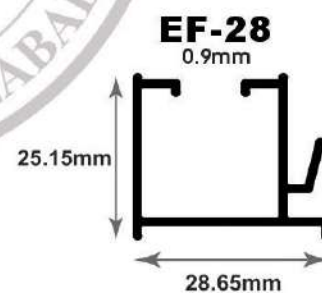
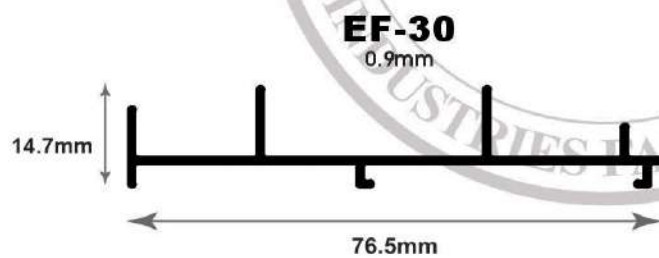
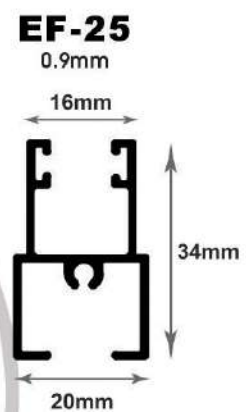
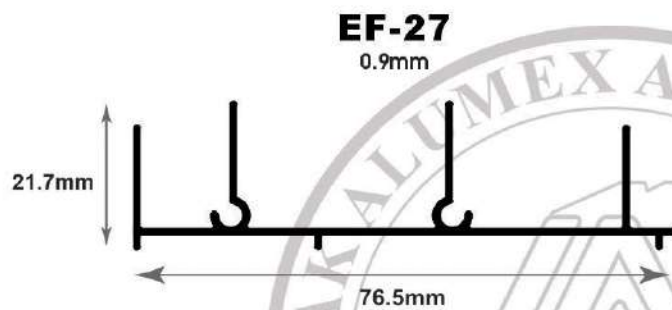
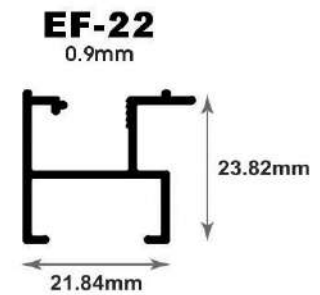
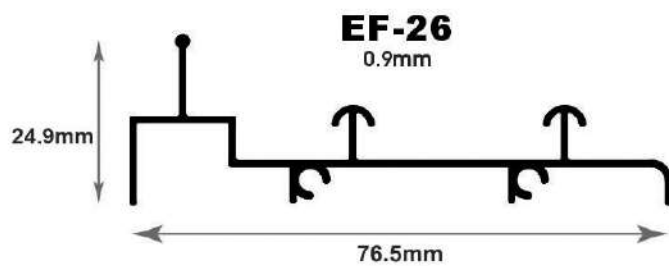
Door Channel
2.0mm



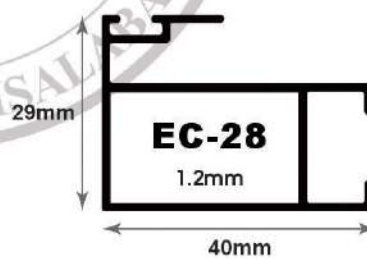
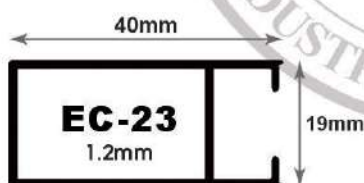
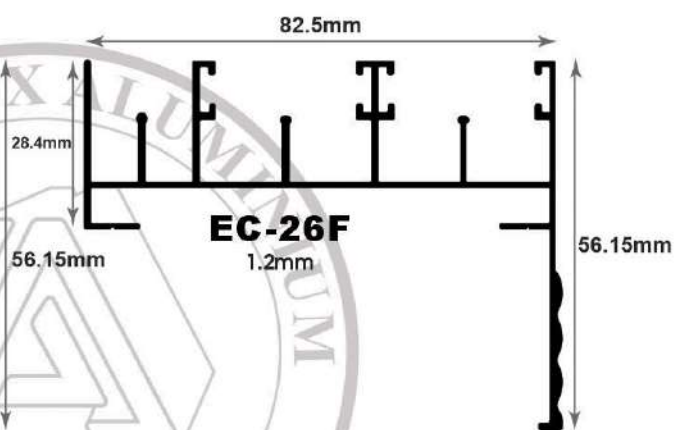
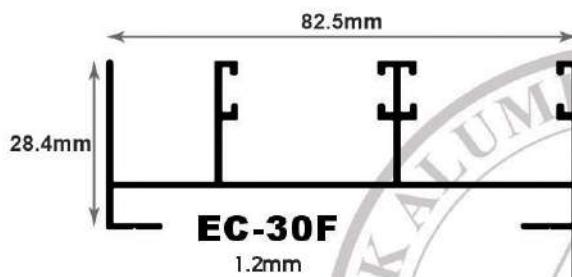
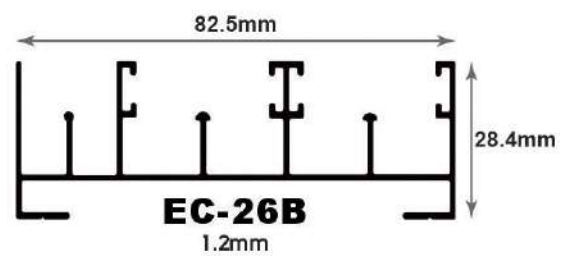
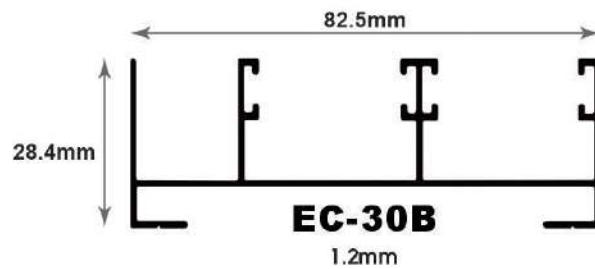
ET & DELUXE SLIDING WINDOW SECTIONS



EF SERIES WINDOW SECTIONS



ECONOMY BOX SLIDING WINDOW SECTIONS



ALUMINIUM PIPES

2"x2"

1.2mm, 2.0mm

1"x2"

0.9mm, 1.2mm

1.5"x1.5"

1.2mm

1"x3"

1.2mm

1"x1"

1.2mm

1.5"x3"

0.9mm, 1.2mm, 1.6mm

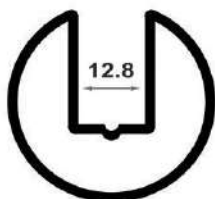
D60

1.5"x1.5"

1.2mm

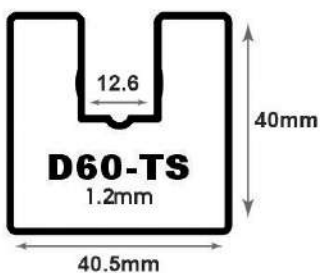
1"x4"

1.2mm



D60-D

1.4mm



D60-TS

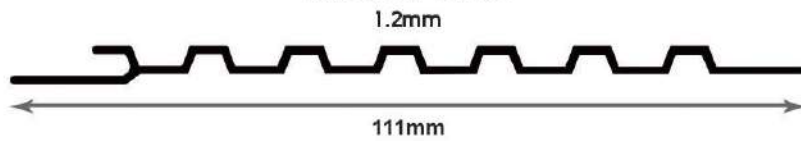
1.2mm

1.75"x4"

1.6mm, 2.0mm

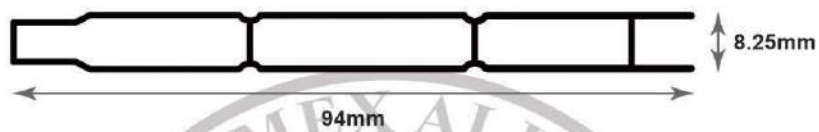
STRIPS & SKIRTING PANEL SECTIONS

Kick Plate



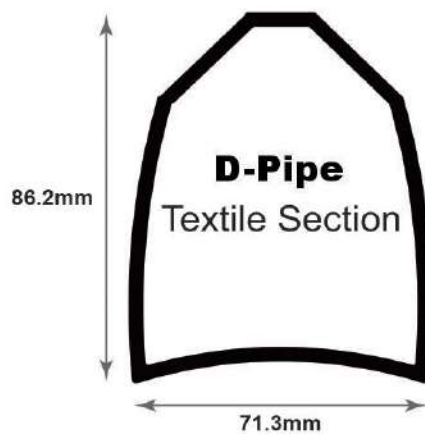
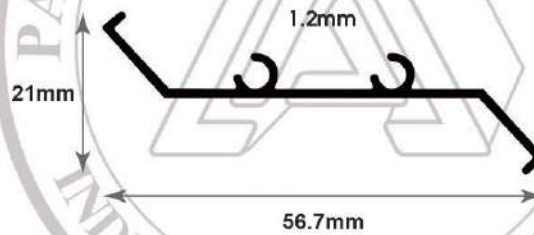
D-61

0.9MM, 1.2mm



L-39

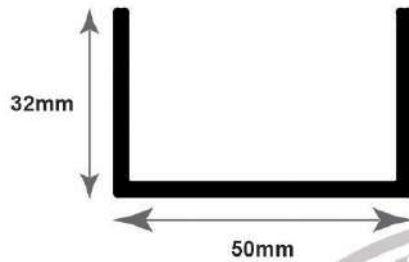
1.2mm



SOLAR SECTIONS

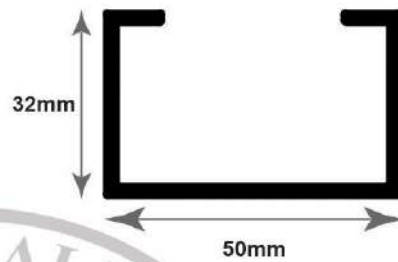
U-Channel

2.3mm



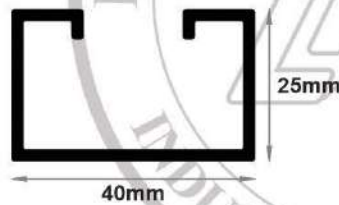
C-Channel

2.3mm, 2.5mm



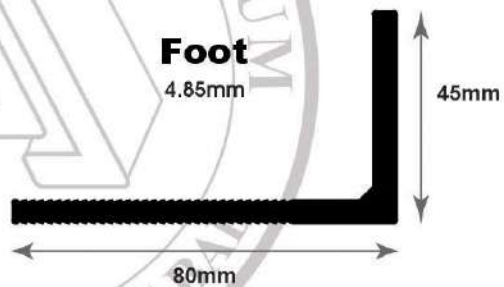
Railing C-Channel

2.0mm, 2.3mm

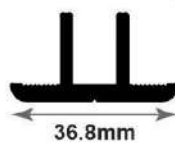


Foot

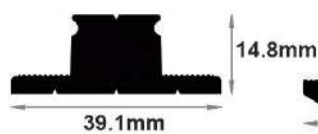
4.85mm



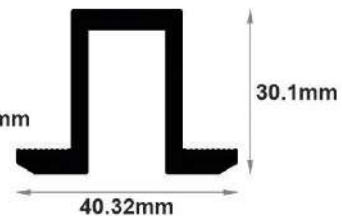
Mid clump



Solid Mid clump

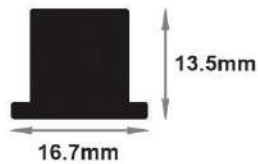


U mid Clump



SOLAR SECTIONS / ANGLES

STUDD



W-SO

2.0mm

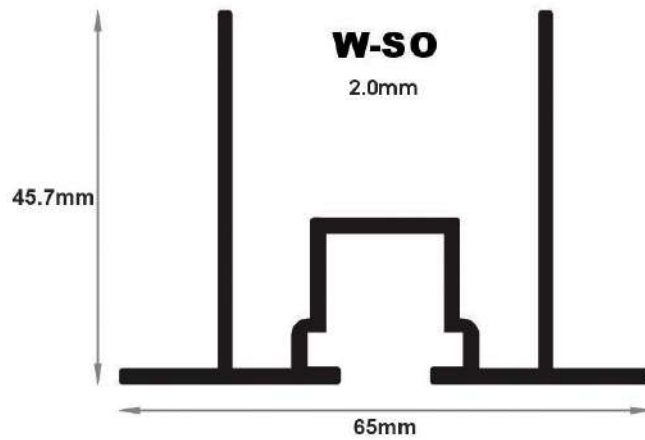
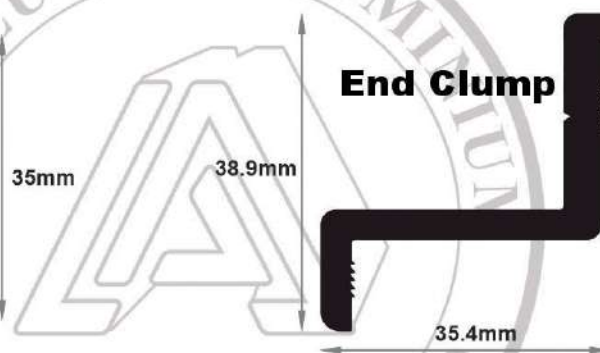


Plate Solar Pipe

2.2mm



End Clump



Angle	Thickness
$1\frac{1}{4} \times 1\frac{1}{4}$	3 mm
$1\frac{1}{2} \times 1\frac{1}{2}$	3 mm
$1\frac{1}{2} \times 1\frac{1}{2}$	5 mm
1 x 1	2 mm



The management system of

Pak Alumex Industries

Chak # 95 J/B Near Korian Stop, Painsera Road, Gojra, Pakistan.

has been assessed and certified as meeting with the requirements of

ISO 9001:2015

Under the Scope:

"Manufacturing of Aluminium Products (Profiles)."

IAF Code : 17

Certificate Number : PK250003

Issue date : 16-03-2025.

Valid till : 15-03-2026.

Authorized Signature

RICI US LLC

www.ricionline.com

*This certificate remains valid subject to successful surveillance audits and maintenance of management system as per certification rules and procedures of RICI US LLC.

*Further clarification regarding scope of this certificate and applicability of ISO 9001:2015 requirements may be obtained from the organization.

*This certificate remains property of RICI US LLC, to whom it must be returned upon request.

Page 1 of 1

254 Chapman Rd, Ste 208 #17519, Newark, Delaware, 19702, USA
Email: scheme@ricionline.com



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PCSIR TEST REPORT



GOVERNMENT OF PAKISTAN
Ministry of Science & Technology
Pakistan Council of Scientific & Industrial Research
Laboratories Complex, Lahore

FEROZEPUR ROAD, LAHORE 54600 - PAKISTAN

Doc# LLCQM/FF/42 Date: Jan. 01, 2020 Rev # 00

Sr No. PCSIR-LLC- 000423



TEST REPORT

Report No: PITMAEM/FH/11808-01/24

Dated: 30-01-2024

Name & Address of Customer:

M/s Pak Alumex Industries, Chak # 95J/B, Near Korian Stop, Painsera Road, Gojra, District Toba Tek Singh.

Request Ref.

ALU-24-008
15-01-2024

Sheet No:

1/2

Description of Sample:

Chemical Composition, Coating Thickness, Tensile and Hardness Tests of provided samples

No. of Sample(s):

Six (06)

ILO Log #and Date:

654 Dated: 17-01-2024

Ref/Code #:

OFS = 6940
MTG = 2280
MECH = 6338 24-16
NDT # 1298

Method used /Specs:

ASTM E 1476-04 (2022) E-3, B-487, A-370, E-92

Temp. & Humidity:

18 °C
63 %

Statement of Non-compliance:

Nil

Testing Date:

29-01-2024

RESULTS

a) *Chemical Composition Test

Elements	Sample ID: Anodized Profile
Silicon (C)	0.277
Copper (Cu)	0.009
Manganese (Mn)	0.011
Magnesium (Mg)	0.403
Zinc (Zn)	0.035
Aluminum (Al)	Balance

b) Coating Thickness Test

Sample ID	Average Coating Thickness (μm)
Anodized Windows	15.6
Anodized Aluminum Swing Door	9.2
Anodized Curtain Wall	10.8
Powder Coated Windows	83.2
Powder Coated Curtain Wall	122.8
Powder Coated Aluminum Swing Door	144.6

Term and conditions over leaf

Prepared by:

SUMAIRA NOSHEEN

(Senior Scientist, Chemistry)

Pakistan Council of Scientific & Industrial Research

Laboratory Section Incharge

FARZANA HABIB

HEAD (PITMAEM)

PCSIR Labs. Complex, Lahore

Ministry of Science & Technology

Govt. of Pakistan

Head of the Centre

Counter signature

30-01-24

Director General

Tel: Direct No: 042-99230574; FAX No: 042-99230688-95, Ext: 216-17, 363, Fax: 042-99230688

Email: ilo@pcsir-lhr.gov.pk; ilo@pcsirllr@gmail.com; website: www.pcsir-lhr.gov.pk

Computer Code

PAK ALUMEX

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PCSIR TEST REPORT



GOVERNMENT OF PAKISTAN
Ministry of Science & Technology
Pakistan Council of Scientific & Industrial Research
Laboratories Complex, Lahore
FEROZEPUR ROAD, LAHORE 54600 - PAKISTAN

Doc# LLC/QM/FF/42 Date: Jan. 01, 2020 Rev# 00

Sr. No. PCSIR-LLC-000424



TEST REPORT

Report No: PITMAEM/FH/11808-01/24

Dated: 30-01-2024

c) *Tensile Test

Sample ID	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
Anodized Windows	272	232	12
Anodized Aluminum Swing Door	260	222	10
Anodized Curtain Wall	272	235	10

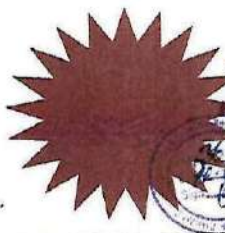
d) *Hardness Test

Sample ID	Hardness (HV _{5.0})
Anodized Window	61.60
Anodized Aluminum Swing Door	77.75
Anodized Curtain Wall	78.34

Note: *These test methods do not fall within the scope of ISO-17025.

◆-----◆ END ◆-----◆

Term and conditions over leaf



Prepared by:

SUMAIRA NOSHEEN
Senior Engineer (Tensile)
PITMAEM, PCSIR-LHR

EMR/ Section Incharge

FARZANA HASIB
HEAD (PITMAEM)

PCSIR LAB, COMPLEX LAHORE
Ministry of Science & Technology
(Lab of Pakistan)

Head of the Centre

Counter signature

30-01-24
Director General

Direct No: 042-99230574; PABX No: 042-99230688-95, Ext: 216-17, 363, Fax: 042-99230574
Email: ilo@pcsir-lhr.gov.pk; ilo@pcsir-lhr@gmail.com; website: www.pcsir-lhr.gov.pk

Computer Code

PSQCA TEST REPORT



BARQAAB

Consulting Services (Private) Limited



(500kV/220/132V Lahore North Substation and Extensions Works at 500kV Nokhar Substation)

Ref No. 500kV/SS/N-LHR/BQB/203

Dated: January 17, 2024

- **SAFETY GRILL DESIGN RECOMMENDED FOR INSTALLATION IN C.H.B, M.S.B & 132kV RELAY BUILDING:**

Construction Manager

M/s Chine Electric Power Equipment & Technology Co. Ltd.

H. No. 581, St. #17, Sector Phase-3, DHA

Lahore

SUBJECT: Contract No. ADB-300AR-2021, Procurement of Plant, Design, Supply, Installation, Testing & Commissioning of 500/220/132kV Lahore North Substation & Extension works at 500/220/132kV Nokhar Substation Under ADB Loan-3677-Pak Second Power Transmission Enhancement Investment Program Trench-III.

APPROVAL OF MANUFACTURER FOR ALUMINIUM DOORS & WINDOWS AND SAFETY GRILL DESIGN

- Ref:
- [1] Our Letter No. 500kV/SS/N-LHR/BQB/201 dated January 13, 2024
 - [2] M/s CET letter No. CET/ADB-300AR/NTDC/2023-617 dated January 08, 2024
 - [3] Company Profile of PAK ALUMEX submitted on January 16, 2024
 - [4] Safety Grill Designs submitted on January 16, 2024

Dear Sir,

This is with reference to our letter referred at Ref No.[1] vide which you were advised to submit company profile of vendor "PAK ALUMEX" and range of safety Grill designs for our selection.

The undersigned has gone through the submitted company profile of vendor "PAK ALUMEX" vide Ref No. [3], as per provided profile and test results attached in the profile, it is evident that the vendor meets the required standards and stands recommended for supply of Aluminum Doors and Windows. However, physical inspection shall be offered for the supplied material prior to installation of same at site as per drawings and specifications (Provided Company Profile is attached herewith).

Furthermore, out of the provided range of Safety Grill designs, the selected one is attached herewith and the same shall be physically inspected at site as per specifications and drawings prior to fixing.

You are advised to proceed further in this regard.

Thanks and Best Regards

For BARQAAB Consulting Services (Pvt.) Ltd.

Engr. Muhammad Ashraf Bhatti
(Construction Manager)

Copy to:

1. Chief Engineer EHV-I, NTDC House, 34-Industrial Area Gulberg-III, Lahore.
2. Project Director EHV-I, NTDC House, 34-Industrial Area Gulberg-III, Lahore.
3. Project Manager (PIU) NTDC, NTDC House, 34-Industrial Area Gulberg-III, Lahore.
4. Project Manager BARQAAB Consulting Services, 142-H, Model Town, Lahore

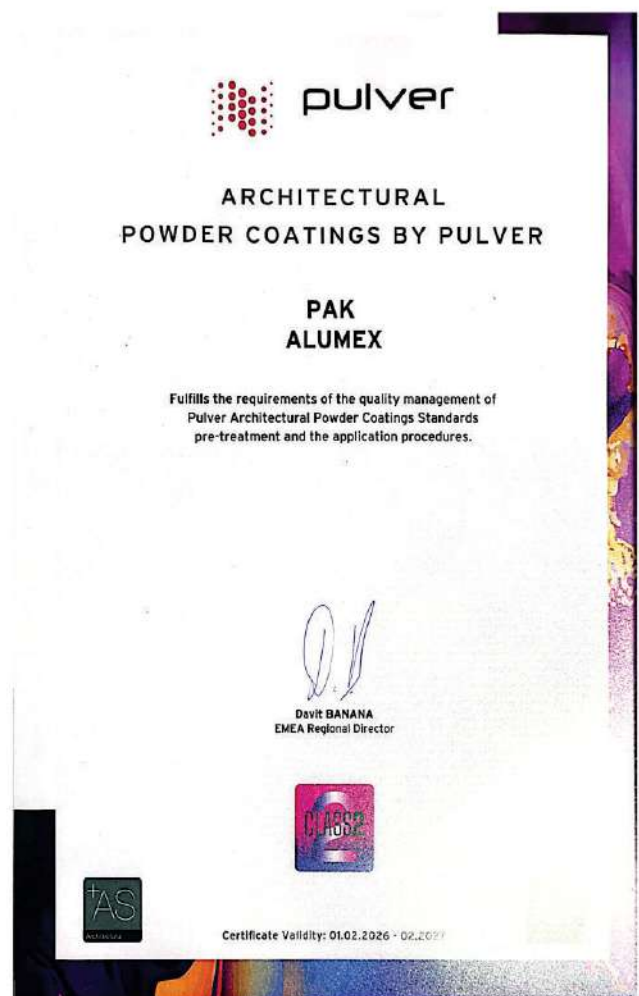
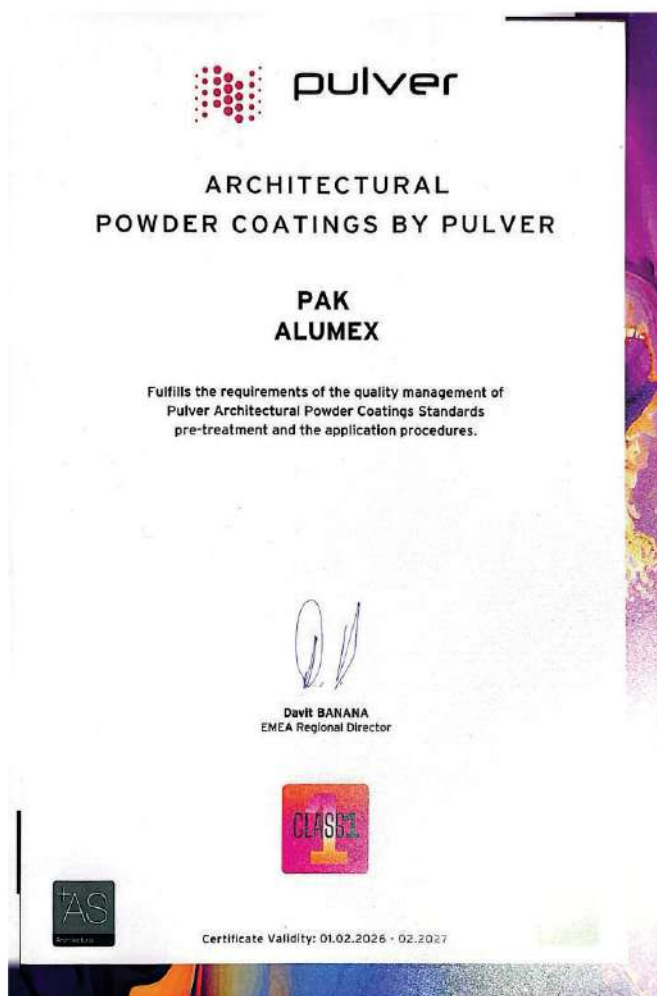
Copy for information:

- General Manager (Power), BARQAAB Sunny View estate, Lahore.

FIELD OFFICE SHEIKHUPURA, Mian House, St #4, Al-Noor Park, G.T Road, Sheikhupura.

PAK ALUMEX

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DEALERSHIP NETWORK





PAK ALUMEX[®]

**PAKISTAN'S NO.1
POWDER COATING**

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