

AJIYA METAL DOOR & WINDOW FRAMES

- **AJIYA** is one of the pioneers since year 1990 in the manufacture and development of metal frame products. 15 roll-forming lines, various ancillary machineries and fully staffed modern engineering workshop equipped with computer-controlled (CNC) machineries capable of producing precision parts and tooling for in-house use.
- AJIYA Supplies a wide range of metal frame of various configuration such as door, door window joint combination (DWJ), casement window, window frame with fixed louvers or adjustable louvers etc.
- Custom-designed DWJ frames are well suited for schools and public building. DWJ, as the name implies, is a combination of door window frame, with fanlight opening, and comes complete with components such as wire mesh, adjustable or fixed louvers and safety steel bar or round steel pipe.
- More than 5 million metal frames supplies to Malaysia and South East Asia Countries for building construction industry.

Characteristic of Metal Frames

- Certified by IBS (Industrialized Building System).
- Consistent quality in strength, will not warp, shrink, twist, rot or suffer from termite attacks.
- Non-Combustible material.
- Light weight – easier handling and installation, less labors intensive.
- Become an integral part of the wall, add to its strength, less maintenance, easy to paint, good security level.
- Frames come complete with hinges, metal strikers plate and built-in architrave, cost saving.

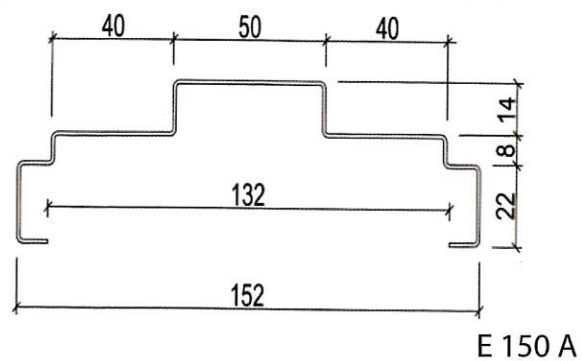
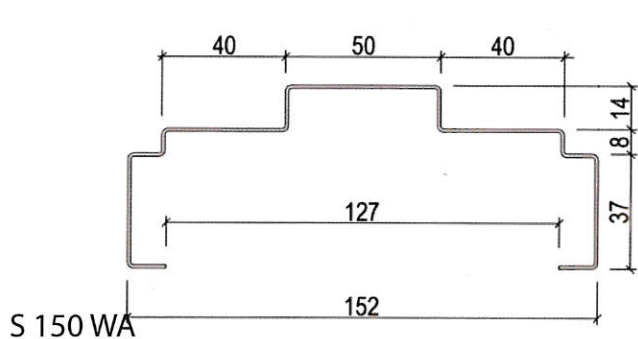
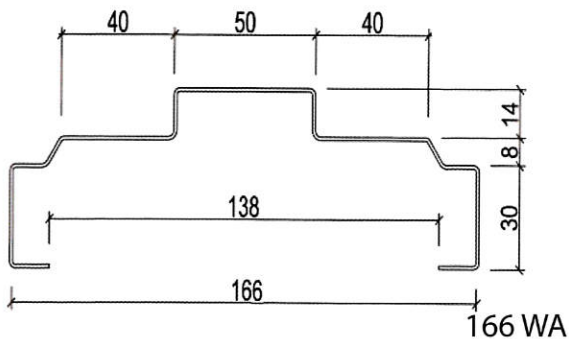
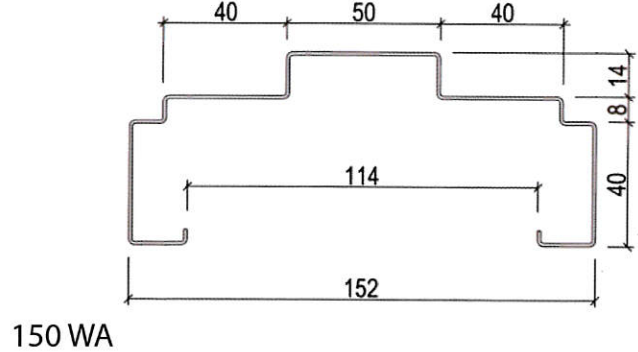
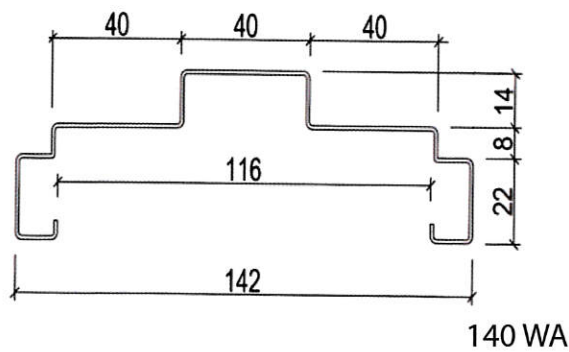
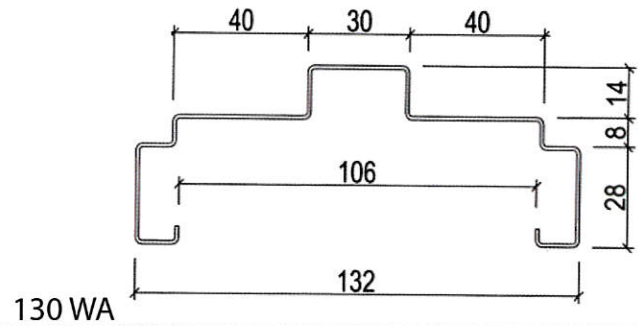
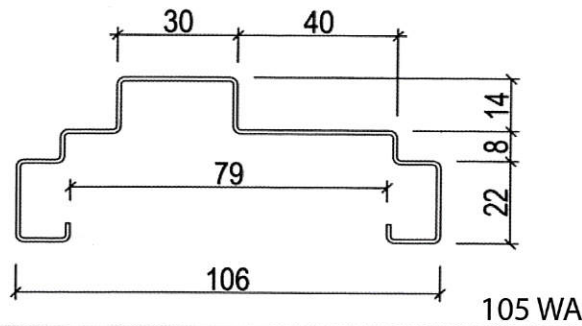
SPECIFICATIONS

Material	*Zincalume, Aluzinc, Electro Galvanized, Galvanneal, Hot dipped Galvanized Steel
Thickness	0.7mm to 1.0mm
Profile	105WA, 130WA, 140WA, E150A, 166WA, 150WA, S150WA, 120STD, 130STD, 160STD, 150SR, 160SR
Hardware	<u>Metal Door Frame</u> -Type of Hinges Plate (SUS202, SUS304, GI) -Type of Hinges mounted (Slot in / Spot Welded / Screw On) -Type of Lockset (cylindrical lock, mortise lock, **special lock) -Welded Mortar Box (for screw-mounted hinge system) -Metal Striker plate c/w striker plate cover -Adaptor - for connecting to columns or RC wall -Flat Ties for bricks wall interlocking <u>Metal Window Frame</u> -RHS (or equivalent) w/o security pipe (34mm x 30mm, 34mm x 50mm, 34mmx80mm) -Safety Bar mild steel solid bar (diameter 12mm/16mm) -Safety Bar galvanized round pipe (diameter 16mm) -Glass Holder (Fixed Louvers only)

-*Zincalume is registered trademark of NS Bluscope (M) Sdn. Bhd.
 -**additional cost will be incur for special lockset

All thickness is nominal and provisional. Tolerance may occur and they are subjected to change and variations in accordance to finished product's condition

Profile - Mitre Joint

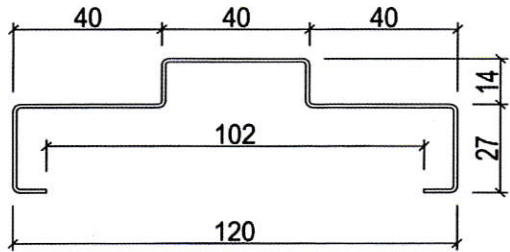


All Measurement in millimeter(mm)
Thickness Tolerance: ± 0.05 mm
Profile Tolerance: ± 5 mm

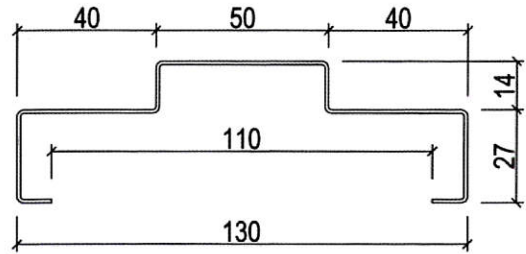
SAMPLE OF SPECIFICATION

AJIYA Metal Door / Window Frame (Profile) , (Thickness)mm, (Material). Product complete with built-in architraves, brick ties, striker plate and box, spreader bar and all other necessary fixing accessories, in filled with cement sand (1:3) grout and fixed to brick wall or concrete all in accordance with the manufacturer's instructions.

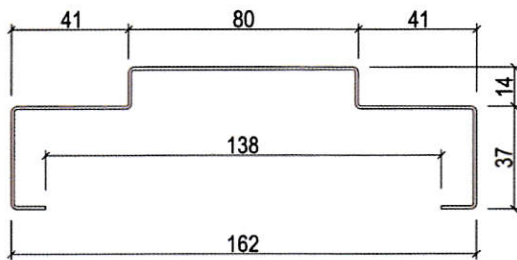
Profile - T Joint



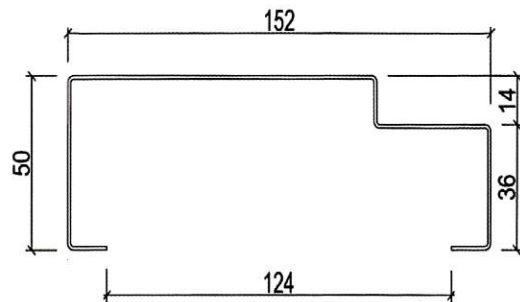
120 STD



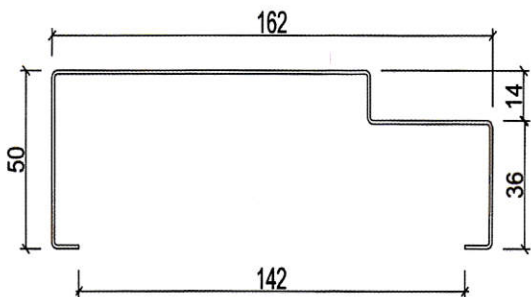
130 STD



160 STD



150 SR



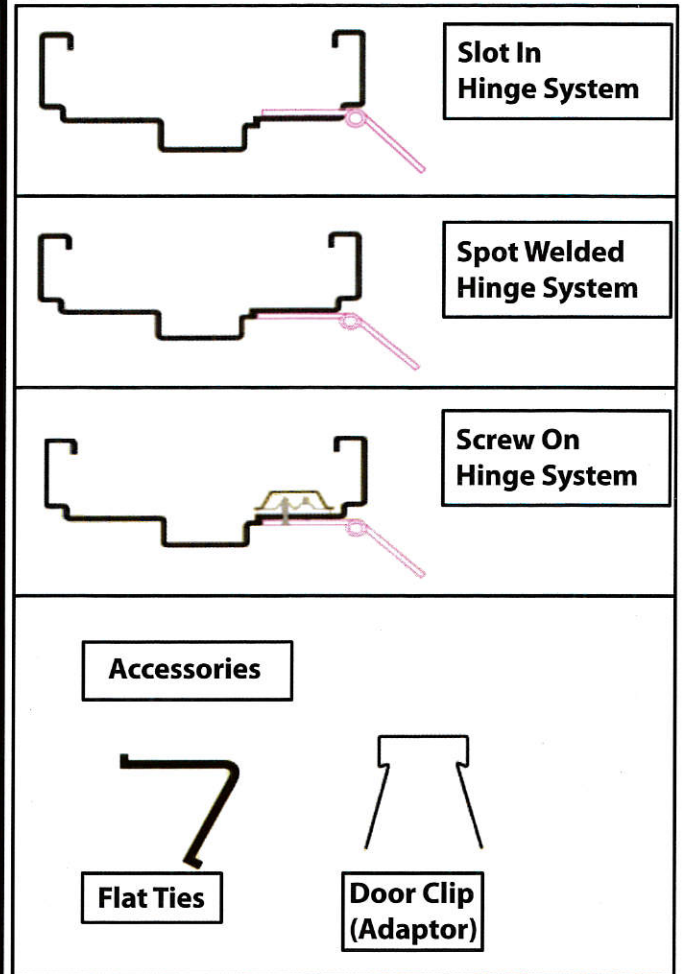
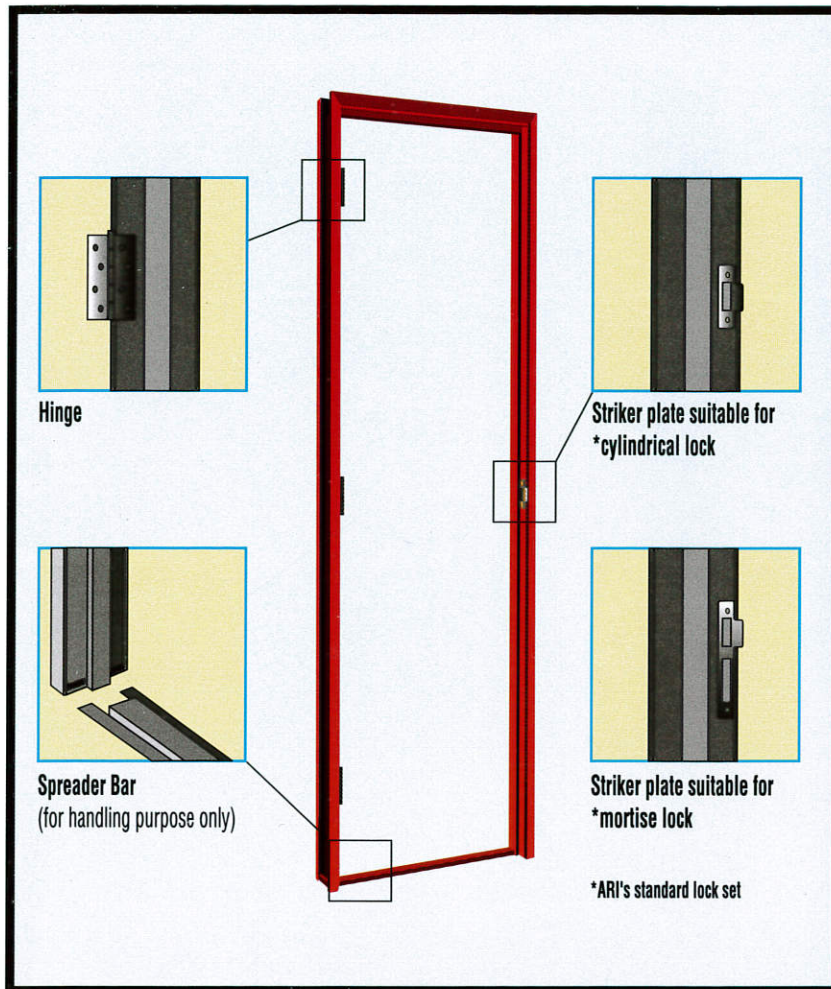
160 SR

All Measurement in millimeter(mm)
Thickness Tolerance: ± 0.05 mm
Profile Tolerance: ± 5 mm

All measurement in millimetre(mm)

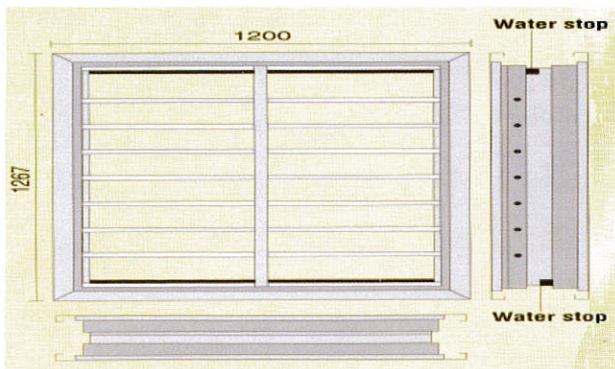
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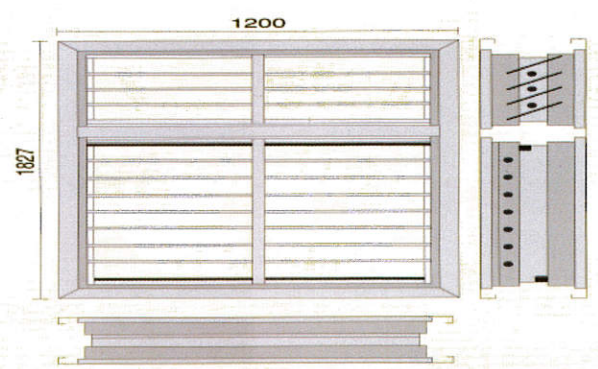


AJIYA Metal Window Frame

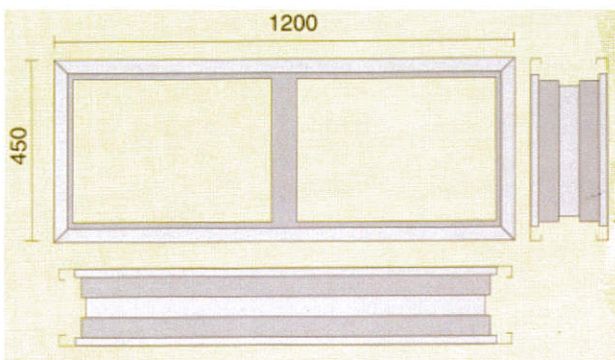
W.F. with safety Frame



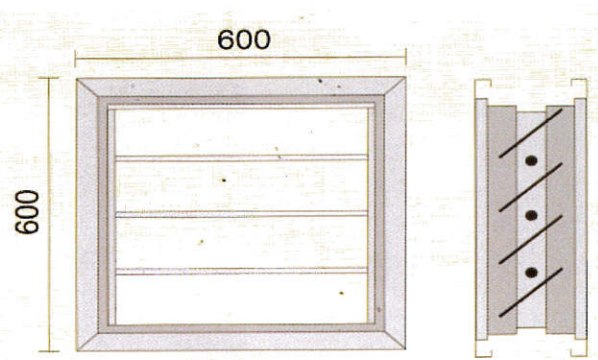
W.F. with safety bar and glass holder



W.F. (casement)



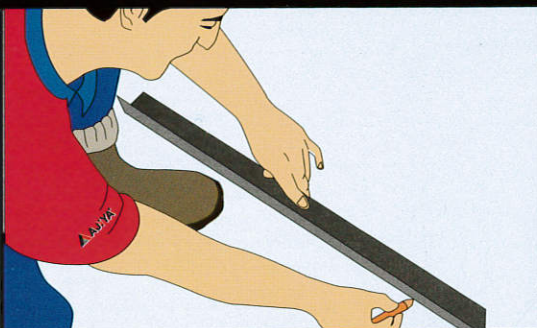
W.F. with safety bar and glass holder



INSTALLATION GUIDE

1

Mark out the area where the brickwork and the door is going to be.



2

Use two lengths of timber to prop up the door frame to standing position.



3

Use a spirit level to plumb the frame. When it is plumb, secure the timber stays with a couple of bricks



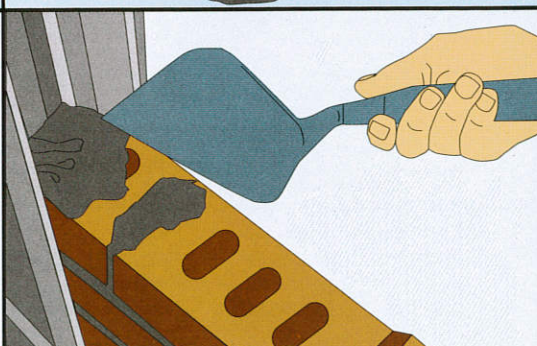
4

You can now proceed to lay the bricks into the rebate at the back of the frame.



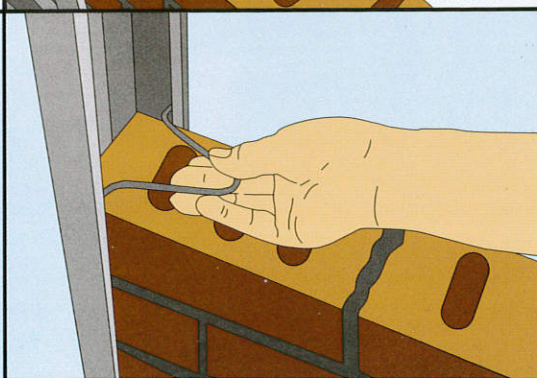
5

Place mortar into the gap between the brick and the frame to ensure that the frame, when filled with cement, will be extremely rigid and strong.



6

Each metal door frame is supplied with a number of flat ties.



Range of Door Window Frame Combination

Note: All diagrams shown on below are based on a typical 150WA profile.
(size may vary according to profile chosen)

