AM Profiles Dual Colour Polyamide Top Swing Window

Specification Sheet
Series 2000 June 05

SCOPE
The specification covers and defines materials, construction, finish and hardware of the AM Profiles Series 24 Polyamide Thermaswing Window.

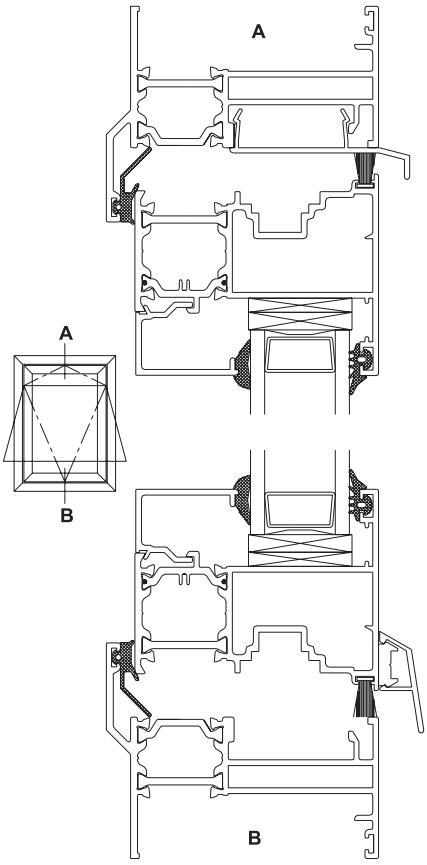
MATERIALS
Aluminium profiles are extruded from alloy 6063 T6 complying with the recommendations of BS1474 1987 / BS EN 755-9:2001 /BS EN 12020-2:2001.

Thermal break is achieved using 24mm extruded Polyamide isolators the rolled combination allows different internal and external frame colours.

CONSTRUCTION
Outer and vent frame profiles are mitre cut and secured with aluminium cleats.

Transom and mullion Profiles are square cut then notched for jointing and are securely fixed using screws. All joints should be sealed against water penetration.

THERMAL
Compliant to document L using 24mm Polyamide thermal breaks.



FINISH
Available in Mill finish.

Etched and anodised to BS3987 1991.

Polyester Powder coated paint to BS6496 1984 available in the full RAL & BS range.

HARDWARE
Peder Neilsen PN UNI top swing gear. These fully reversible side arms have automatic restriction in two open positions and two reversed positions.

Tested in accordance with BS6375 Part 2 1987.

Roto TSL Espagnolette or Maco Shoot bolt, handles and folding openers are available from several manufacturers.

GLAZING
Insulated units can be accommodated up to 28mm, glass must conform to BS6262. Drainage to exterior via slotted outlets plus gaskets of extruded rubber and the application of a wedge gasket complete the glazing design.

PERFORMANCE
Air permeability BS EN 12207:1999, achieving a positive test pressure of class 3 overall at 600 Pa and a negative pressure of class 2 overall at 600 Pa test pressure.

Watertightness BS EN 12208:2000, to class E1050 at 1050 Pa test pressure.

Wind Resistance BS EN 12219:2000, overall classification C5 at 3000 Pa test pressure.

SECURITY
Tested to BS 7950, secured by Design accreditation pending.

Full test reports are available on request.

PRODUCT RANGE
Available in bar length form, fabricated by AM Profiles and registered fabricators.

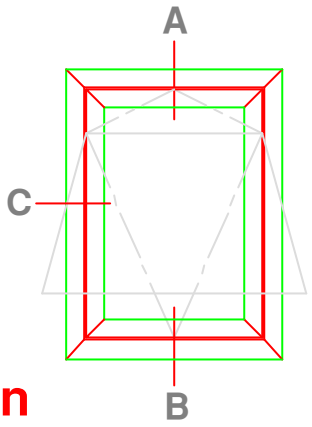
AM Profiles Ltd reserve the right to change designs and specification without prior notification

Drawing not to scale

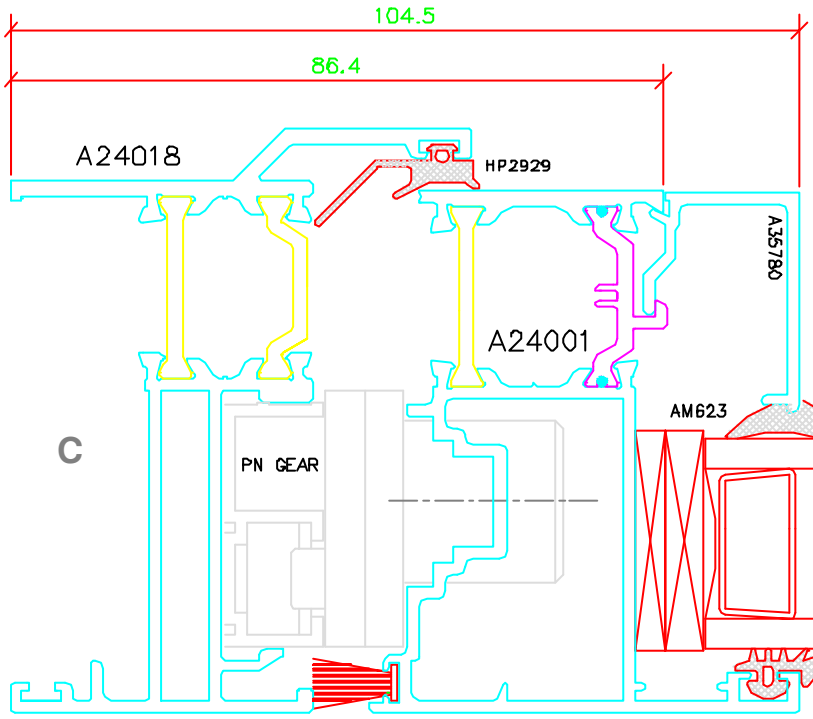
AM PROFILES

Tel: 01246 856000
Fax: 01246 855105
E-mail sales@amprofiles.com
www.amprofiles.com

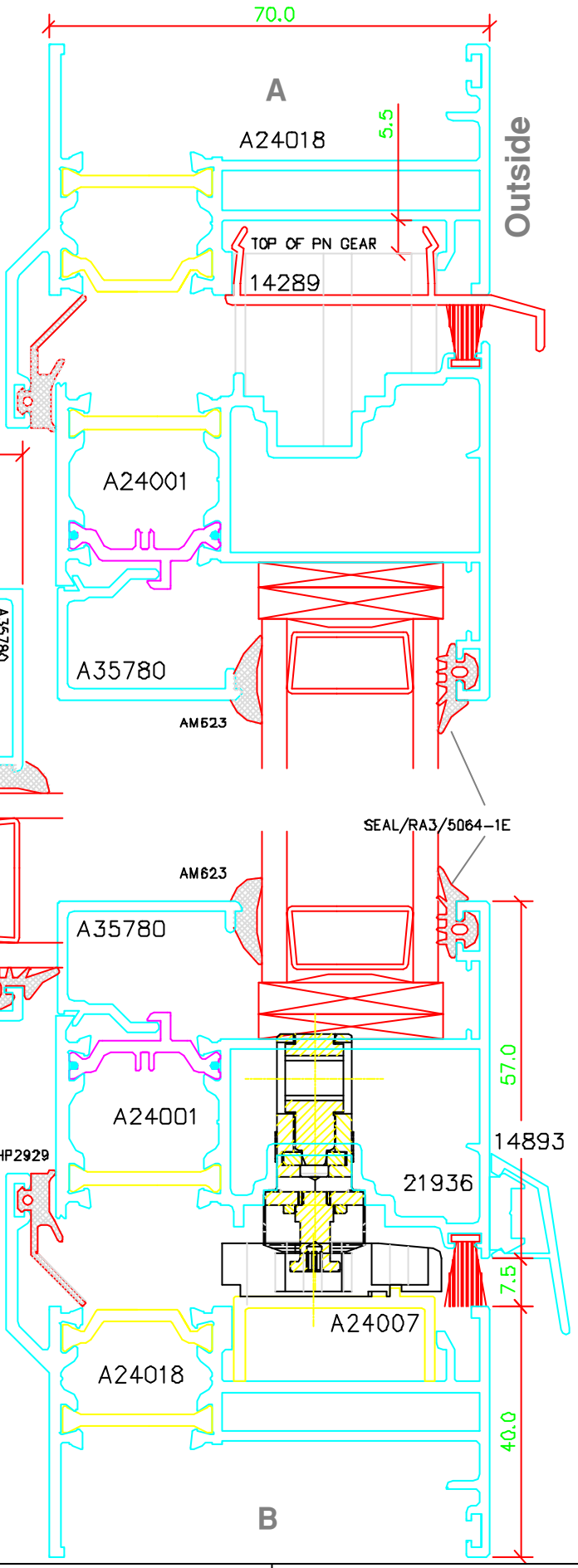
TYPICAL WINDOW SECTIONS



Elevation



Outside



HARDWARE DETAILS:
PEDER NIELSEN UNI TOP SWING GEAR CONSTRUCTED FROM ELECTROGALVANIZED STEEL ARMS AND TOP GLIDERS WITH GREY POWDER COATED ALUMINIUM SIDE TRACKS AND NYLON GLIDER END CAPS & LOCK BLOCKS.

ROTO TSL ESPAGNOLETTE 20mm/10.5mm

FOR FULL TECHNICAL AND APPLICATION DETAILS CONTACT AM PROFILES OR PEDER NEILSEN

AM PROFILES 01246 856000

PEDER NEILSEN 01922 745840

AM PROFILES

SERIES 24 POLYAMIDE THERMASWING WINDOW

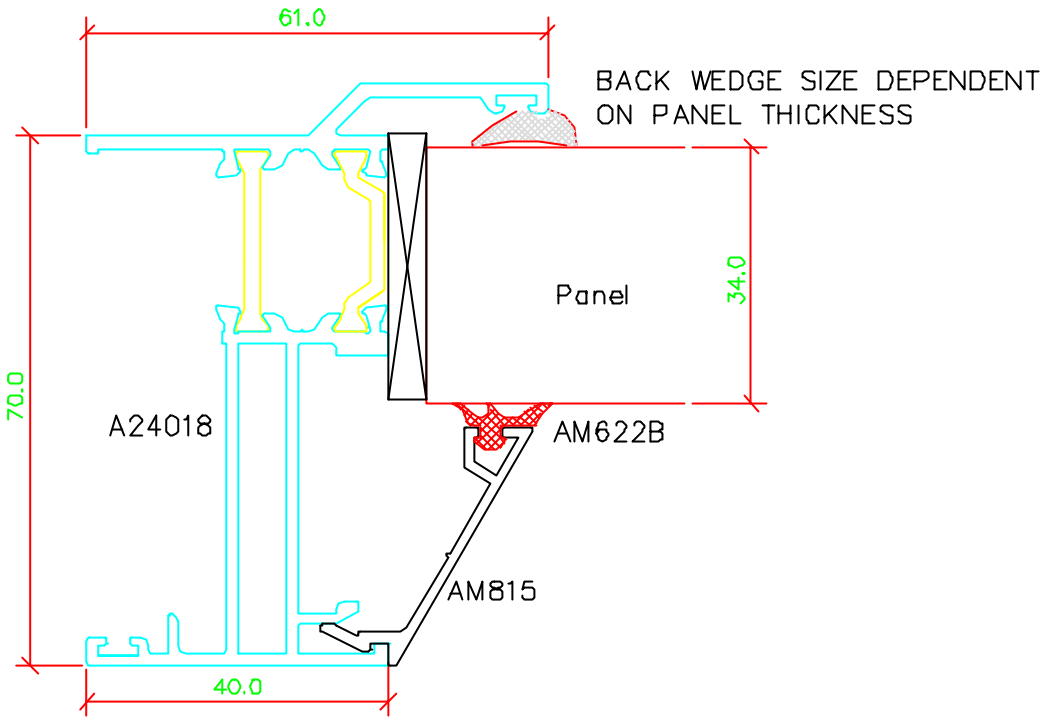
DRAWING No. **S3-8-1**

ISSUE. **A**

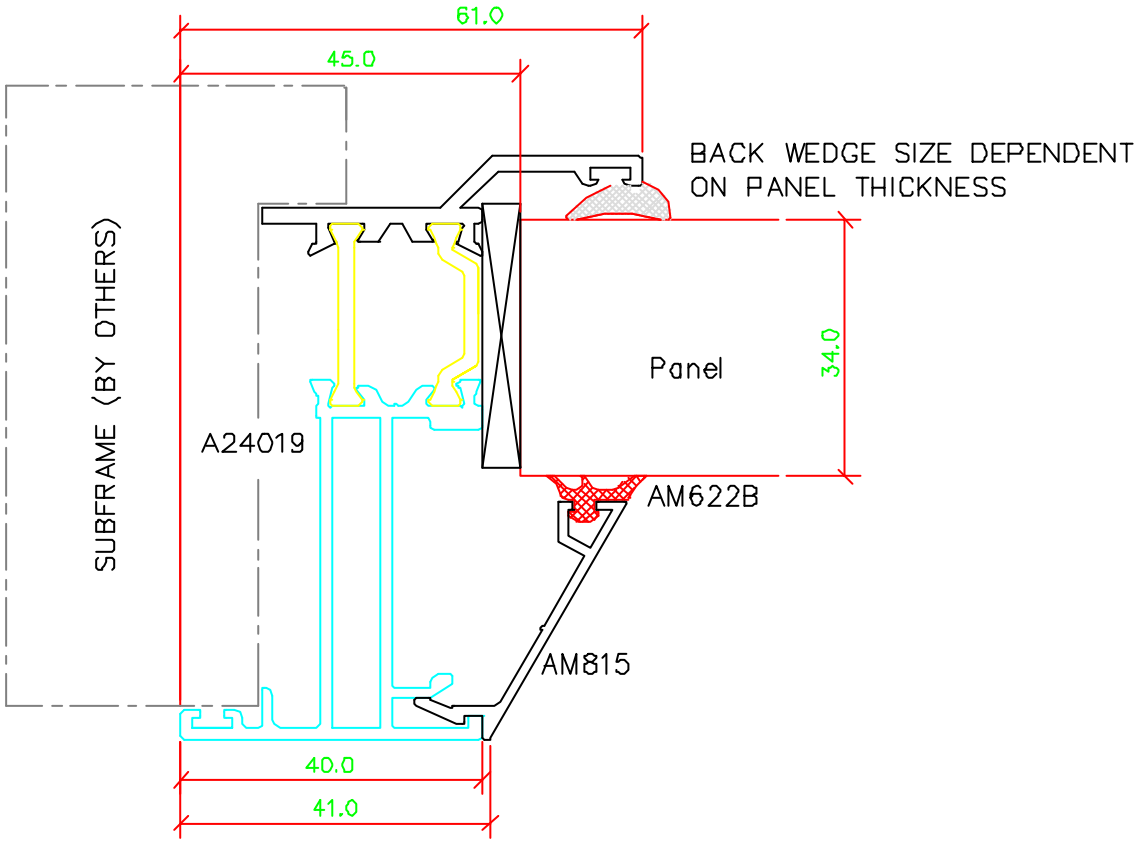
ISSUE DATE **12.07.05**

SCALE **1:1**

EXTERNALLY GLAZED FIXED LIGHT



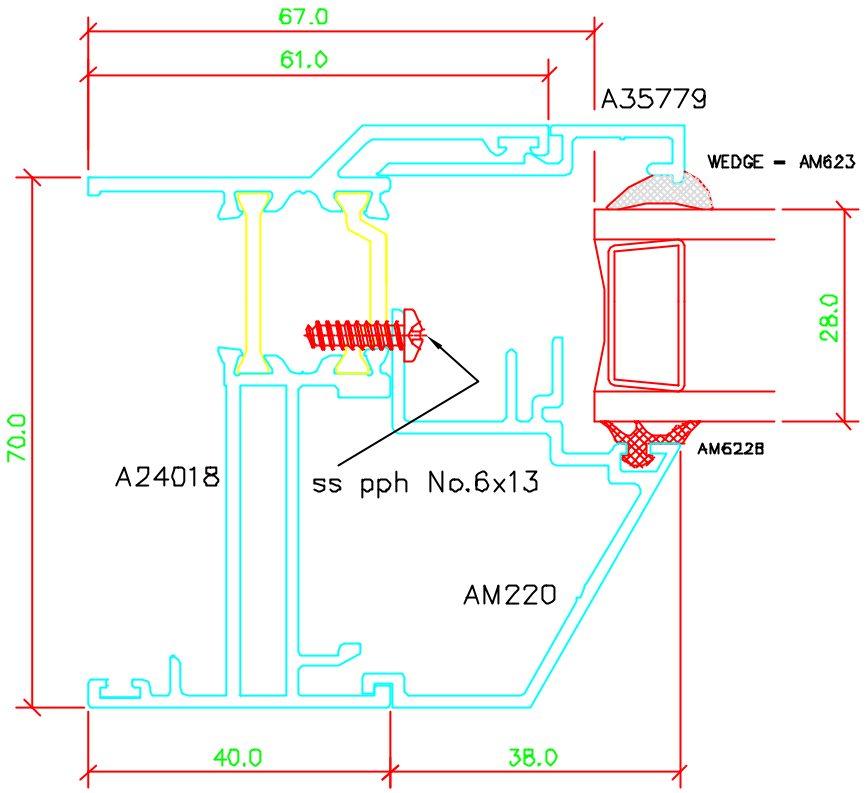
Outside



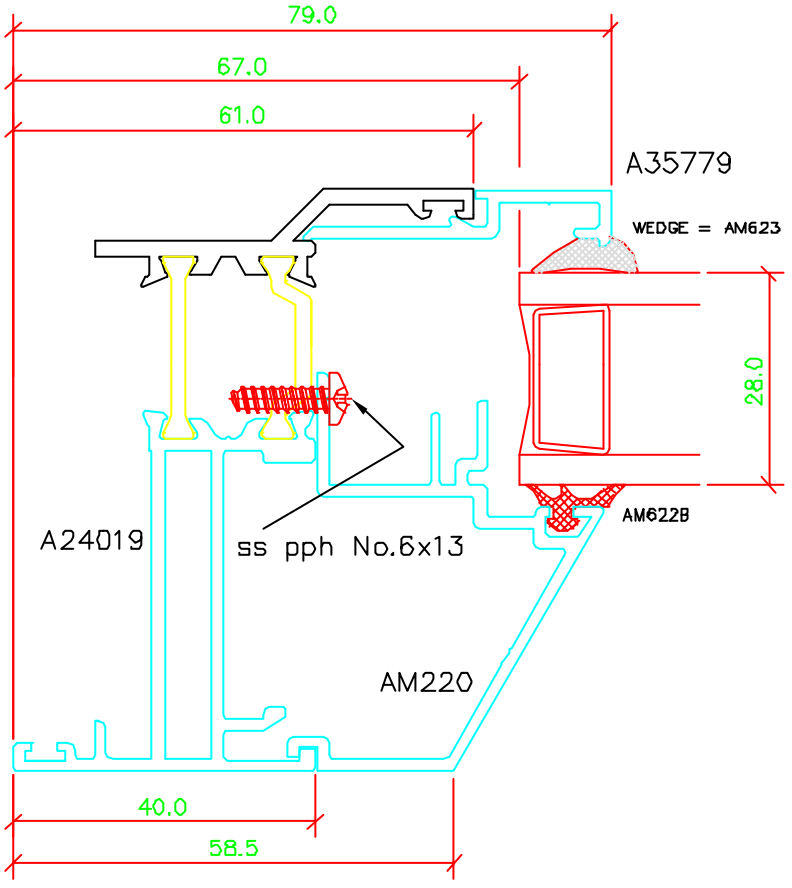
Outside

DRAWING No.	ISSUE.		
S3-8-2	NEW	SERIES 24 POLYAMIDE THERMASWING WINDOW	AM PROFILES
ISSUE DATE	SCALE		
02.12.04	1:1		

INTERNALLY GLAZED FIXED LIGHT



Outside

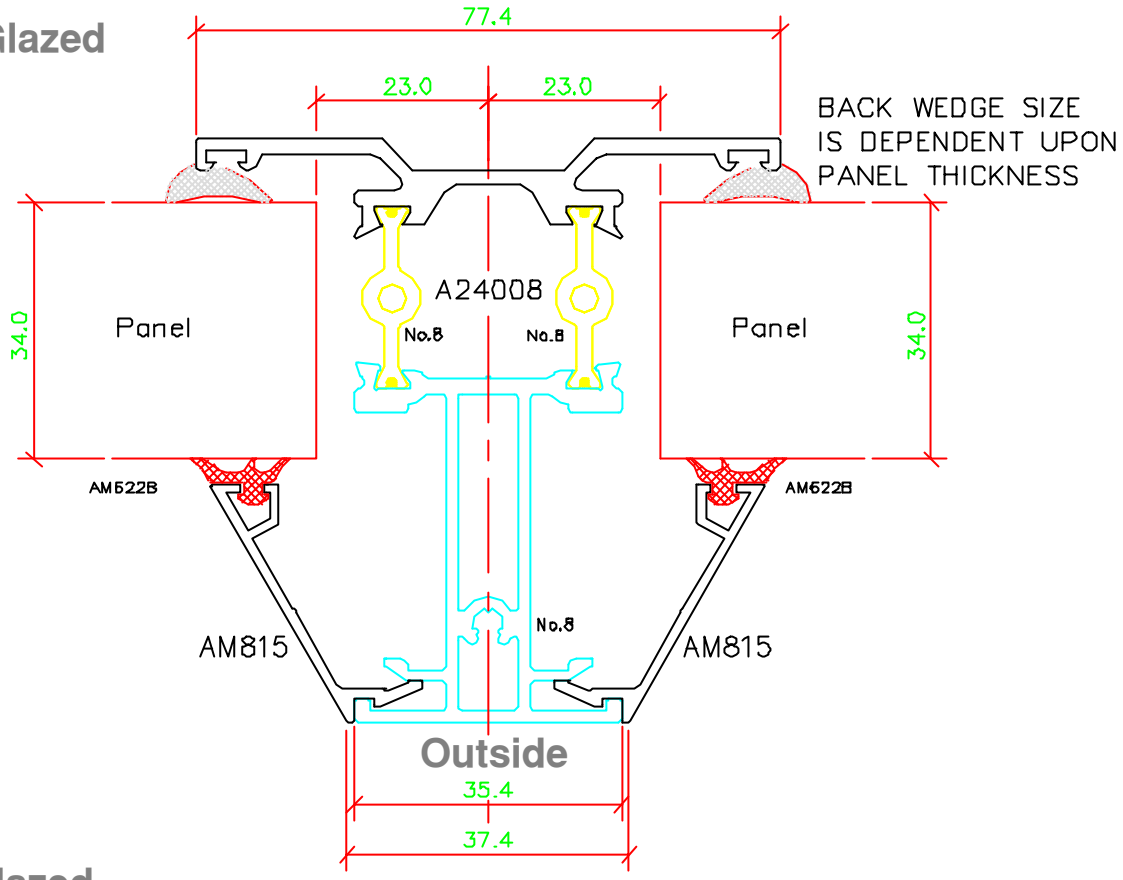


Outside

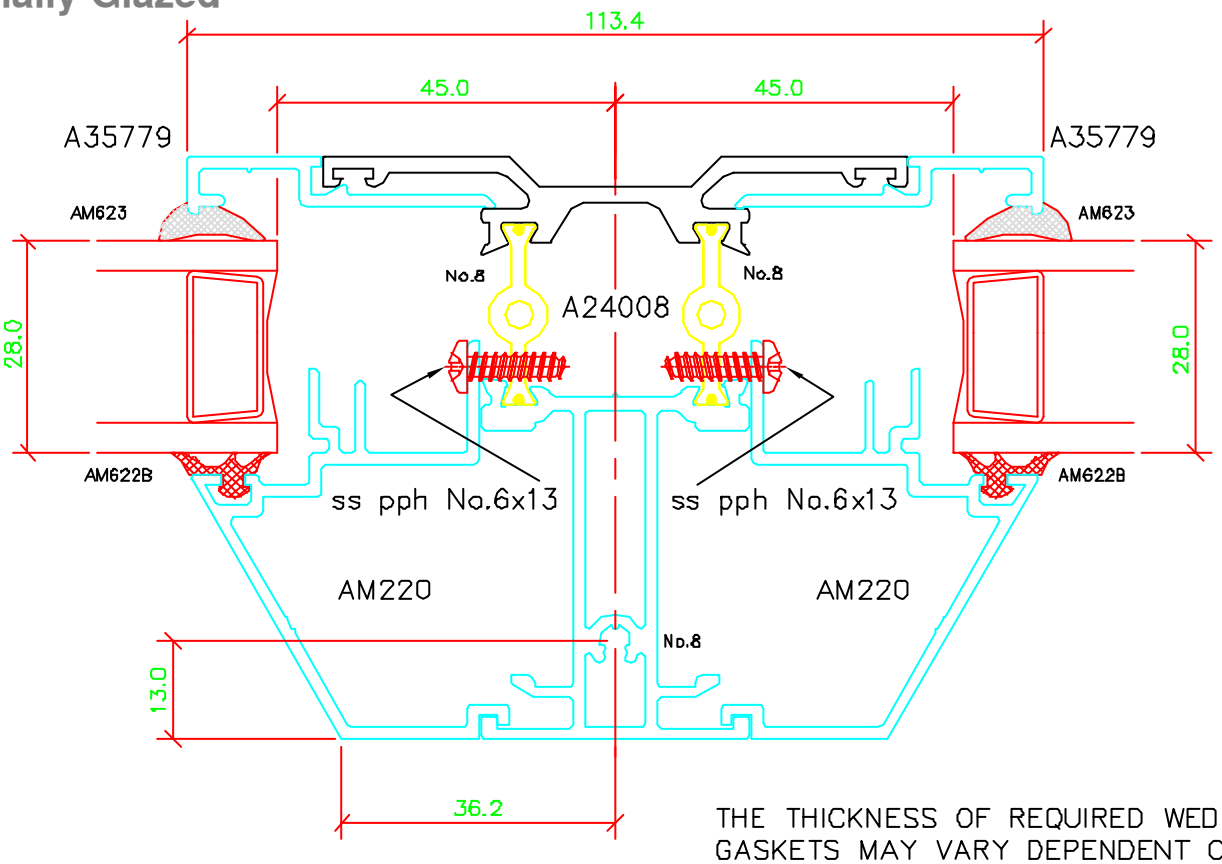
AM PROFILES	SERIES 24 POLYAMIDE THERMASWING WINDOW	DRAWING No. S3-8-3 ISSUE. NEW ISSUE DATE 02.12.04 SCALE 1:1

TRANSOM & MULLION CONFIGURATIONS

Externally Glazed



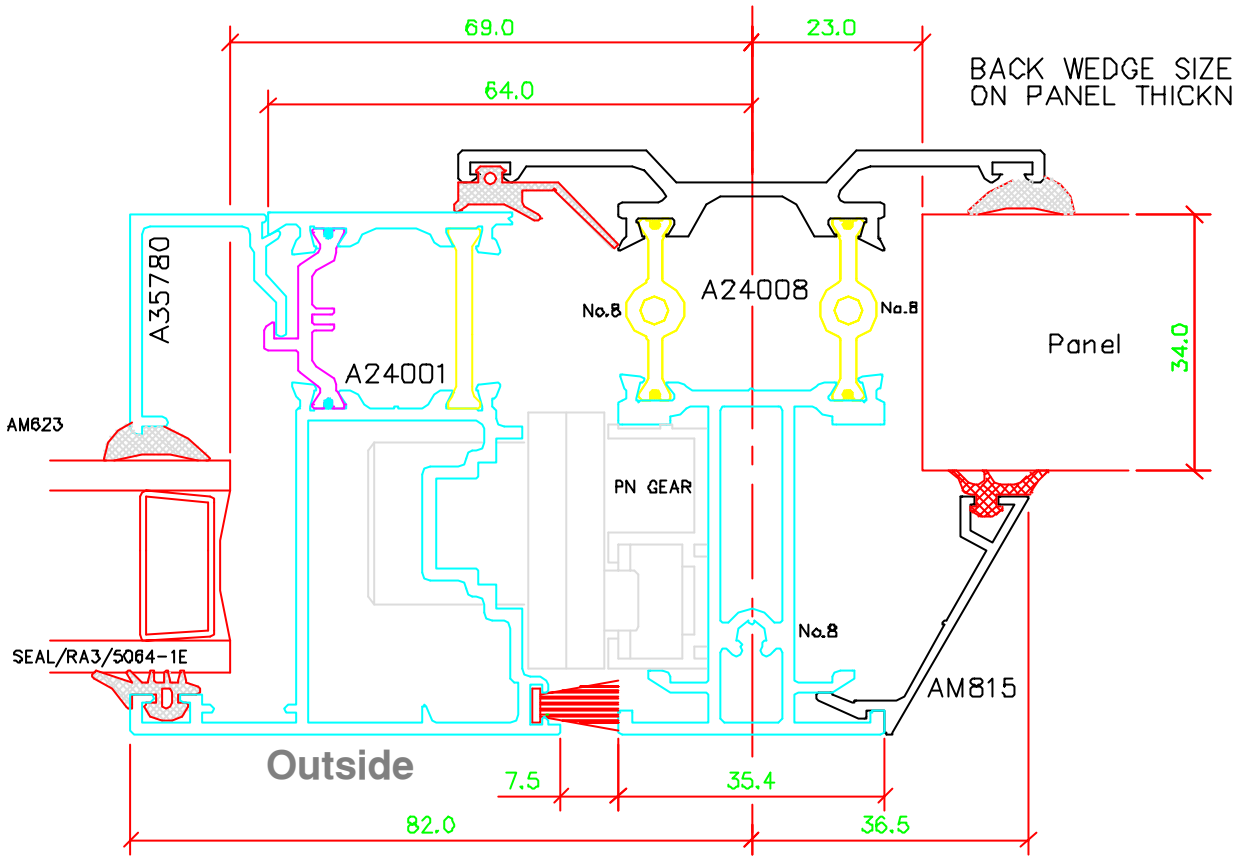
Internally Glazed



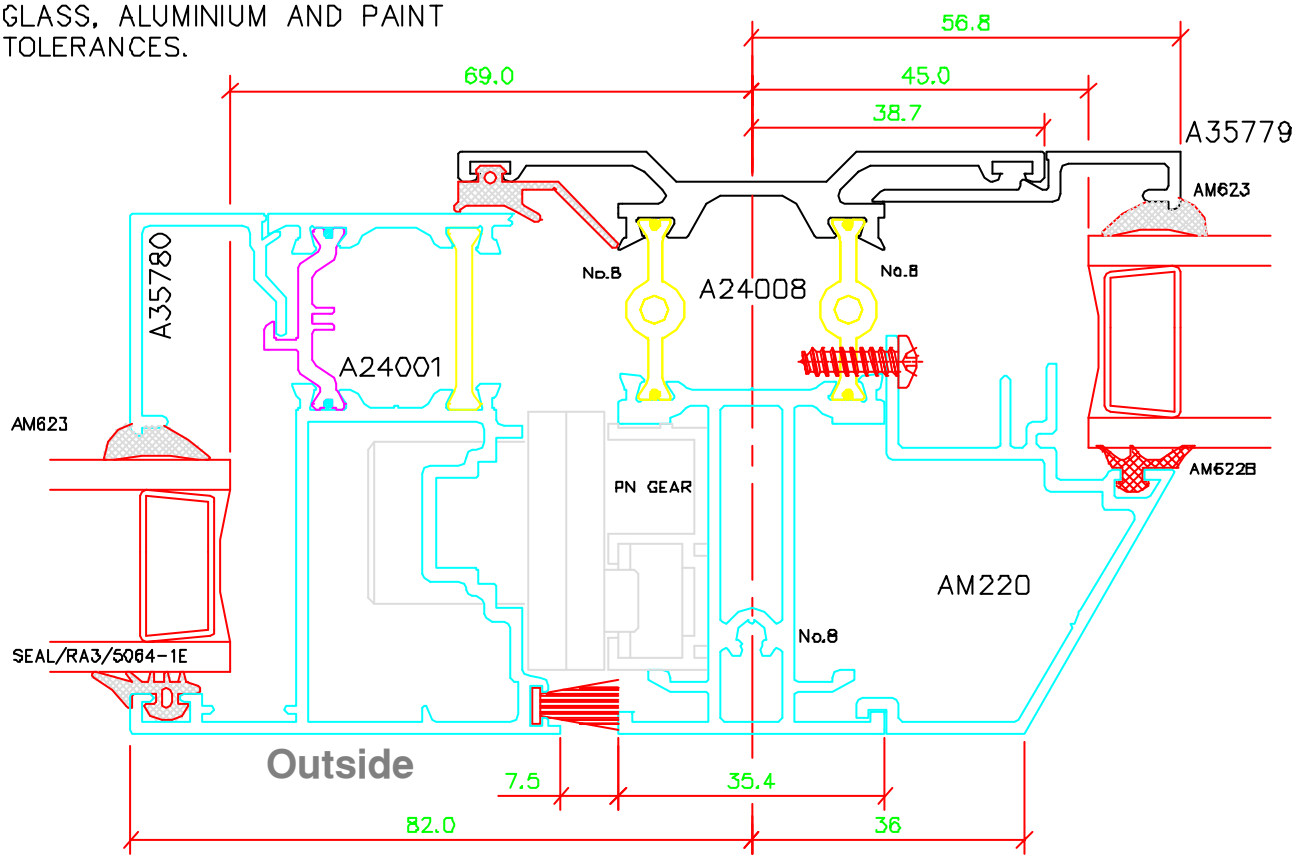
THE THICKNESS OF REQUIRED WEDGE GASKETS MAY VARY DEPENDENT ON GLASS, ALUMINIUM AND PAINT TOLERANCES.

DRAWING No.	ISSUE.		
S3-8-6	NEW	SERIES 24 POLYAMIDE THERMASWING WINDOW	AM PROFILES
ISSUE DATE	SCALE		
02.12.04	1:1		

TRANSOM & MULLION CONFIGURATIONS

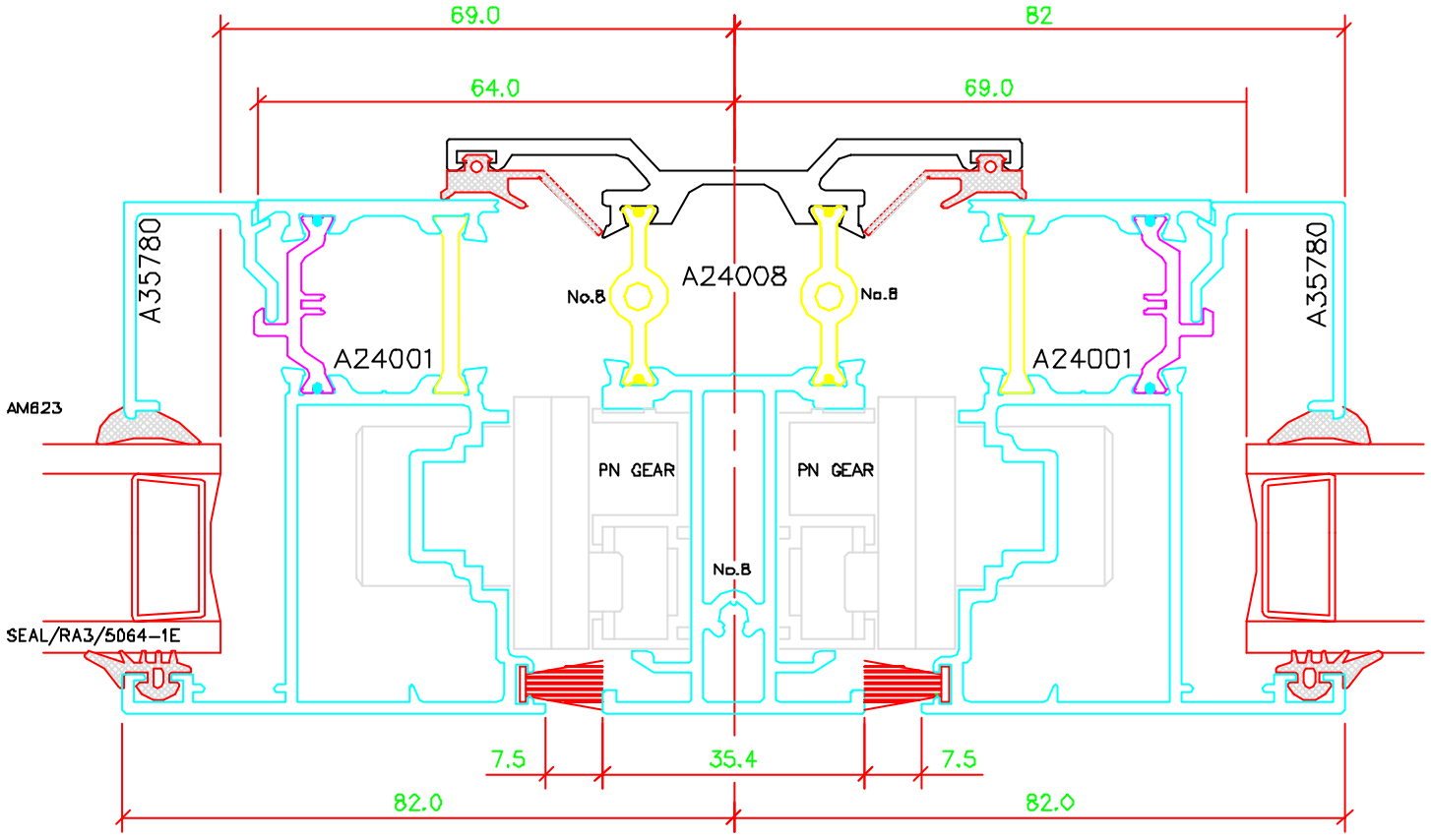


THE THICKNESS OF REQUIRED WEDGE GASKETS MAY VARY DEPENDENT ON GLASS, ALUMINIUM AND PAINT TOLERANCES.



PROFILES	SERIES 24 POLYAMIDE THERMASWING WINDOW	DRAWING No. S3-8-7	ISSUE. A
		ISSUE DATE 12.07.05	SCALE 1:1

TRANSOM & MULLION CONFIGURATIONS



Outside

THE THICKNESS OF REQUIRED WEDGE GASKETS MAY VARY DEPENDENT ON GLASS, ALUMINIUM AND PAINT TOLERANCES.

DRAWING No.	ISSUE.		
S3-8-8	A	SERIES 24 POLYAMIDE THERMASWING WINDOW	AM PROFILES
ISSUE DATE	SCALE		
12.07.05	1:1		