

WINDOWS EU

WindowsFactory

PVC ALU WOOD www.windowseu.com

English-styled windows and doors





Widest range of products

Okna EU is an international joinery manufacturer. Our product range is the most comprehensive on the market and includes windows, doors, gates, sliding systems, shutters, insect screens and, since recently, also fencing systems for premises.

The company has been on the market for two decades. Our long-standing experience has enabled us to adjust our product portfolio to customer expectations and characteristics of individual export markets. We sell our products using a sales network and tried-and-tested, reliable dealership showrooms.





Market presence since 1998

WINDOWS EU its experience in the field of woodwork gains since 1998. Then was created the company, which now is one of the European leader among windows manufacturers. What differentiates us from the competition? Continuous development, ability to rapidly respond to evolving trends and the widest range of products. Apart from producing windows, we also specialise in manufacturing doors, gates, sliding systems, shutters, insect screens and fences.



A stable company

Such features as excellence in quality assurance and customer care, continuous investment in machinery, ongoing improvement of our product range and assistance during every stage of the order fulfilment process make us a trustworthy business partner. We already cooperate with clients from 35 countries across the world, and over 6000 products leave our plants daily. Our sales results have been improving for years. We also hold the Certificate for Business Credibility.



Technology

Our products incorporate components from leading European suppliers. We have four manufacturing facilities equipped with state-of-the-art machinery. Our machinery is constantly updated. The whole production process is run by qualified staff. All components used by our company comply with all applicable standards, which is confirmed by certificates



Latest-generation window and door systems

Our outward opening windows are manufactured using cutting-edge technologies reflecting the technologies employed on the British market. Thanks to this, our clients are provided with highest-quality products.



English windows system

Our clients are provided with a comprehensive range of solutions. Our machinery and fittings used to develop windows enable us to manufacture outward opening tilt and hinged windows as well as inward opening tilt, turn and side-hung casement windows.

Our assortment also covers arched, bow windows. Each window can be fitted with vents to improve ventilation in rooms, or other functional accessories.

Our windows are available in 41 colours, with both smooth and woodgrain finishes.

English windows perfectly match other windows of both modern and traditional designs. Our extensive assortment of products enables everybody to find an ideal solution for every home. Our woodgrain veneers enable us to create products perfectly imitating wooden joinery. As a result, adjusting window appearance to a building façade poses no problems for us. Stainless-steel hinges and other high-quality window components ensure the required level of operating safety.

Entrance doors

Your home is your castle. Our assortment of doors ensures the highest possible level of security. Our doors come with exceptionally durable hinges, reinforced door frame elements and multi-point espagnolette bolts, which ensure not only security, but also reliability of operation for years to come. The selection of a correct threshold is also important. Our wide assortment of thresholds makes it possible to create ideal doors for each user.

Our range of products includes both fully glazed doors and panel doors made of aluminium or PVC. Our doors come in any colour selected from the colour palette. Our glass door range comprises a full variety of decorative or sandblasted panes. Entrance doors from our product portfolio can also be fitted with single or double glazed panels.





IDEAL 70

Window & Door Systems

70	5	2	40
frame depth [mm]	chambers	gaskets	glazing maximum thickness [mm]

This system is exceptionally durable and facilitates production of both inward and outward opening windows. A rounded profile is its characteristic feature.

The system comes with the Kitemark certificate confirming conformance to all construction requirements applicable in England, Wales, Scotland and Northern Ireland.

Characteristic features:

- 5-chamber profile structure;
- possibility to manufacture both outward and inward opening windows;
- integrated seals facilitate fast installation and eliminate the shrinkage issue;
- possibility to apply 10-40 mm wide glazing;
- compatibility with other Aluplast systems;
- full assortment of extensions and fasteners.



Matching glazing bead and window profile designs

A combination of rounded profiles and glazing beads results in unusual visual effects. Bead shapes have no impact on the glazing surface. The window appearance is identical from the inside and from the outside of a building. They can be fitted with double glazing – width from 24 to 28 mm. However, as a standard, 28 mm wide glazing is used in residential buildings. In other buildings we recommend 24 mm-wide glazing.

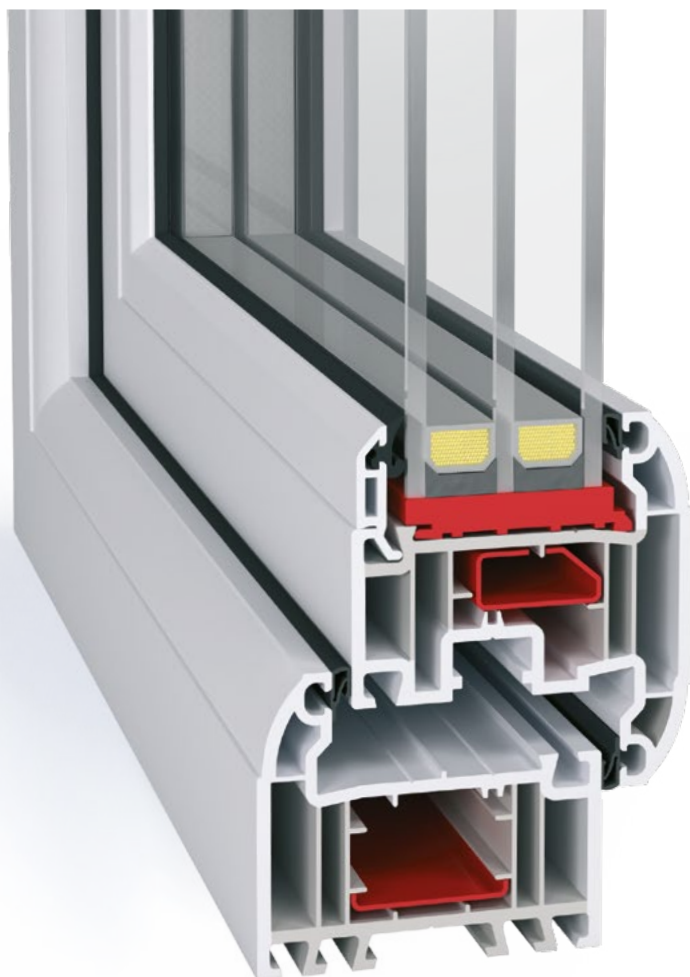
Ideal 70 system windows can be fitted with triple glazing. Slightly narrower glazing beads must then simply be used.

External sealing

Windows are fitted with two external seals. This solution makes it unnecessary to provide the Ideal 70 system with any other sealing elements protecting it against adverse weather conditions. Seals also highlight the profile shape, and consequently have a considerable impact on the final window appearance. External seals eliminate the effect typical for older sealing systems, and prevent any clearances or gaps in seal corners.

Using the Ideal 70 system, we design:

- classic outward opening windows;
- inward opening tilt windows;
- outward opening hinged windows;
- inward or outward opening French doors.





IDEAL 4000 Casement

Window & Door Systems

70	5	2	40
frame depth [mm]	chambers	gaskets	glazing maximum thickness [mm]

The system has been designed with the view to meeting all requirements defined both by clients and construction law regulations.

A simple profile shape is its characteristic feature. Ideal 4000 Casement system windows are an ideal solution both for residential and public utility buildings. Their traditional look is appreciated by clients.

The system gives great design possibilities. Similarly to Ideal 70, it comes in 41 colour versions, with both smooth and woodgrain finish.



Simple profiles

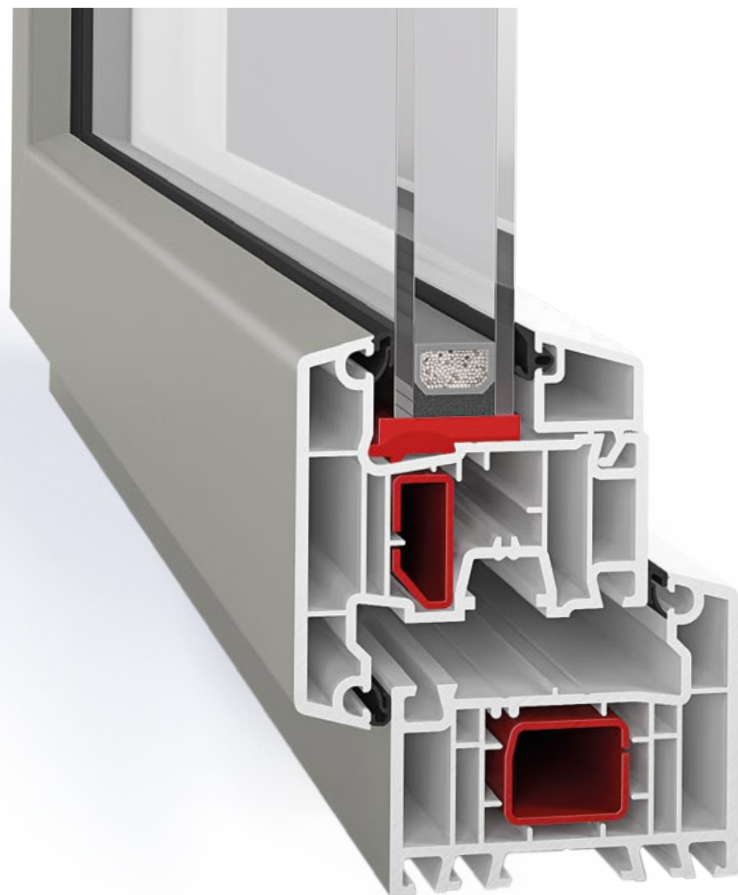
Windows manufactured on the basis of the Ideal 4000 Casement system look identical both inside and outside, i.e. both beads and profiles come in simple shapes. It is a perfect solution for both residential and public utility buildings. The system of protective glazing beads conforms to Secure by Design and PAS24 requirements. Various window combinations are possible thanks to a large variety of available additional profiles, fasteners and extensions. Windows based on the Ideal 4000 Casement system ensure very good thermal insulation properties. This results from the profile width (70 mm) as well as the possibility of installing wider glazing (up to 40 mm).

External sealing

Windows are fitted with two seals included in the external sealing system. Implementation of such a solution enables the Ideal 4000 Casement system to eliminate the need for additional sealing that protects against adverse weather conditions. Seals also highlight the profile shape, and consequently have a considerable impact on the final window appearance. External seals eliminate the effect typical for older sealing systems, and prevent any clearances or gaps in seal corners.

Using the Ideal 4000 Casement system, we design:

- classic outward opening windows;
- inward opening tilt windows;
- outward opening hinged windows;
- inward or outward opening French doors.



Recycling

Profiles used to manufacture our windows are provided by Aluplast, one of our leading suppliers. The company is involved in the VINYL 2010 project aimed at recycling the maximum amounts of materials used to manufacture PVC profiles. Thus we offer you an eco-friendly, recyclable product.

Aluplast profiles are partially manufactured from recycled materials. Recycled and brand new materials are combined using a special press. PVC profiles based on recycled materials have the same appearance and quality as other elements. Their surfaces are perfect, without any dents or scratches. Aluplast profiles are classified as A+ and conform to the Green Book of the English Building Research Establishment.



Energy efficiency

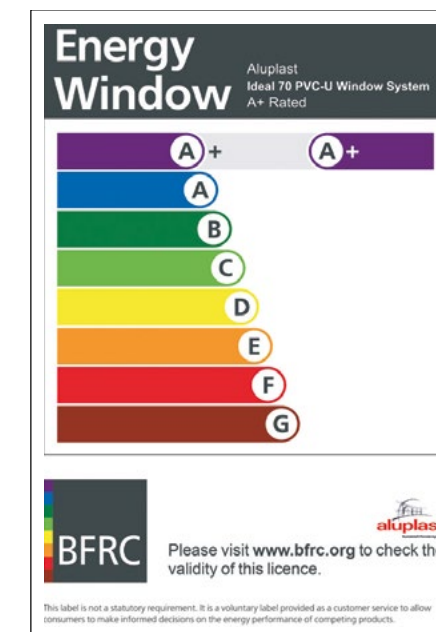
Our care for the natural environment is expressed not only by using recycled profiles, but also by employing energy-efficient solutions. In combination with correct glazing, profiles featuring high thermal insulation parameters enable us to offer you a perfect product for energy-efficient or even passive buildings.

Responsibility

Aluplast is a company responsible for the environment and it is committed to protecting it together with its business partners.

Quality

The quality of Aluplast profiles is extraordinary. Their durability is also a contribution to environmental protection. This results from the fact that it is not necessary to replace them for a very long time.

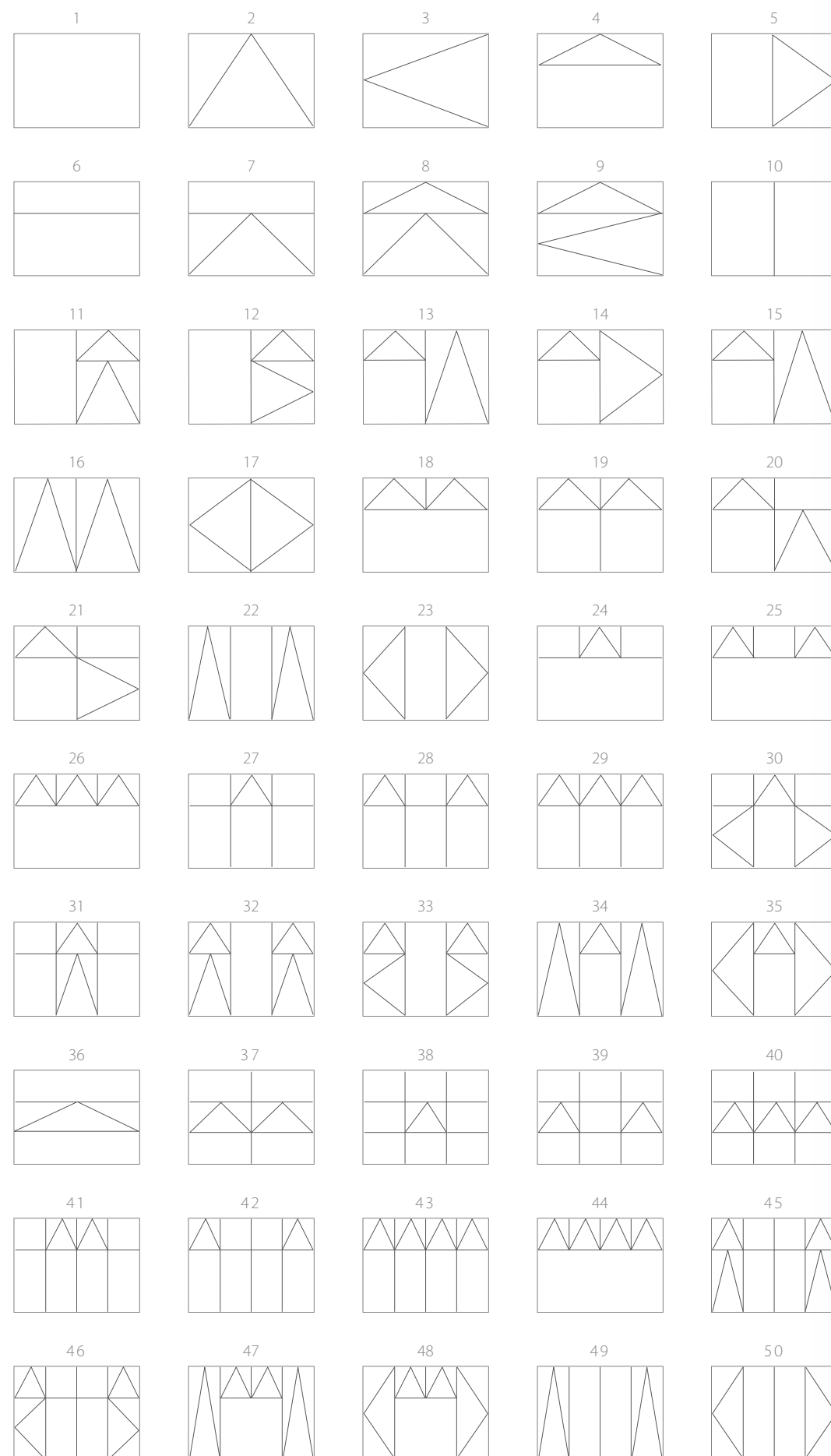




Colour palette

Special oak (AP 01)	Natural oak (AP 02)	Mahogany (AP 05)	Dark oak (AP 06)	Daglesia (AP 11)
Oregon III (AP 15)	Gold oak) (AP 23)	Nut (AP 27)	Walnuss terra (AP 28)	Walnuss amaretto (AP 29)
Dark green (AP 30)	Dark red (AP 32)	Palisander (AP 33)	Gray (AP 34)	Anthracitic (AP 40)
Steel blue (AP 41)	Green (AP 43)	Structural white (AP 44)	Diamond blue (AP 47)	Creamy (AP 50)
Birch-tree (AP 52)	Anthracite gray sand structure (AP 60)	Gray sand structure (AP 61)	Gray basalt sand structure (AP 62)	Brushed aluminum (AP 63)
Quarz with sand structure (AP 65)	Gray concrete (AP 70)	Grey agate (AP 71)	Maron braun (AP 72)	Sheffield Light Oak (AP 75)
Alux DB 703 (AP 79)	Quartz (AP 88)	Dark Brown (AP 89)	Sheffield Grey Oak (AP 94)	Winchester (AP 95)
Navy Blue (AP 101)	Basalt Grey (AP 102)	Ash Blonde (AP 103)	Chocolate Brown (AP 104)	Trompet C-32 (AP 105)
Jet Black Mat (AP 106)				

Opening variants



Glazing bars - in-pane

Muntins are made of aluminium. They are fixed between glass panels, in a pane. We offer the following widths of muntins: 8 mm, 18 mm, 26 mm and 45 mm. They are mounted exclusively for decoration purposes. As they are made of aluminium, they can be painted in any colour chosen from the RAL palette, which makes it possible to match them to any window



Glazing bars - bonded

Muntins are placed directly on the surface of the pane. They can be used both in aluminium and PVC windows. They are first and foremost decorative elements making reference to the stylish architecture of yesteryear. Such elements make building interiors and façades truly unique. We offer the following widths of stick-on muntins: 26 mm, 36 mm, 46 mm and 66 mm. The muntin colours match window colours.



Glazing bars - Viennese

They perfectly imitate pane segments with an aluminium frame mounted between glass panels. However, they are glued on the outer pane surface. Viennese muntins can be mounted in PVC, wooden and aluminium windows. They come in the following widths: 20 mm, 26 mm, 30 mm, 36 mm, 46 mm and 66 mm.



Fittings

We manufacture our windows using best available fittings. The wide variety of Maco fittings at our disposal enables us to manufacture inward and outward opening windows, with a movable or fixed mullion. Our assortment also includes special fittings for French doors. Our solutions guarantee the highest level of security.



SECURITY

The security of our windows is ensured by the following elements:

- central locking rollers;
- anti-burglary locking points and corner bolts;
- conformance to BS7950:1997.



FUNCTIONALITY

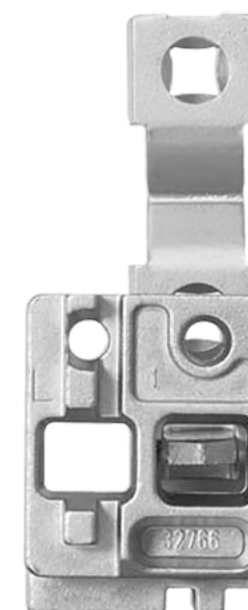
Our windows are functional, because:

- they are easy to use;
- they can be fitted with various accessories facilitating their use.



Mach II shotbolt

Window fittings are equipped with Mach II shotbolts. The shotbolt design is very simple. However, it ensures very smooth operation. When a window is subject to an impact, the shotbolt locks, creating a barrier making any intrusion extremely difficult.



Striker plates

All Maco striker plates are mounted in a manner that facilitates setting windows in the ventilation position. For security reasons, windows should not be left in this position when no resident is present in the building.



Adjustment

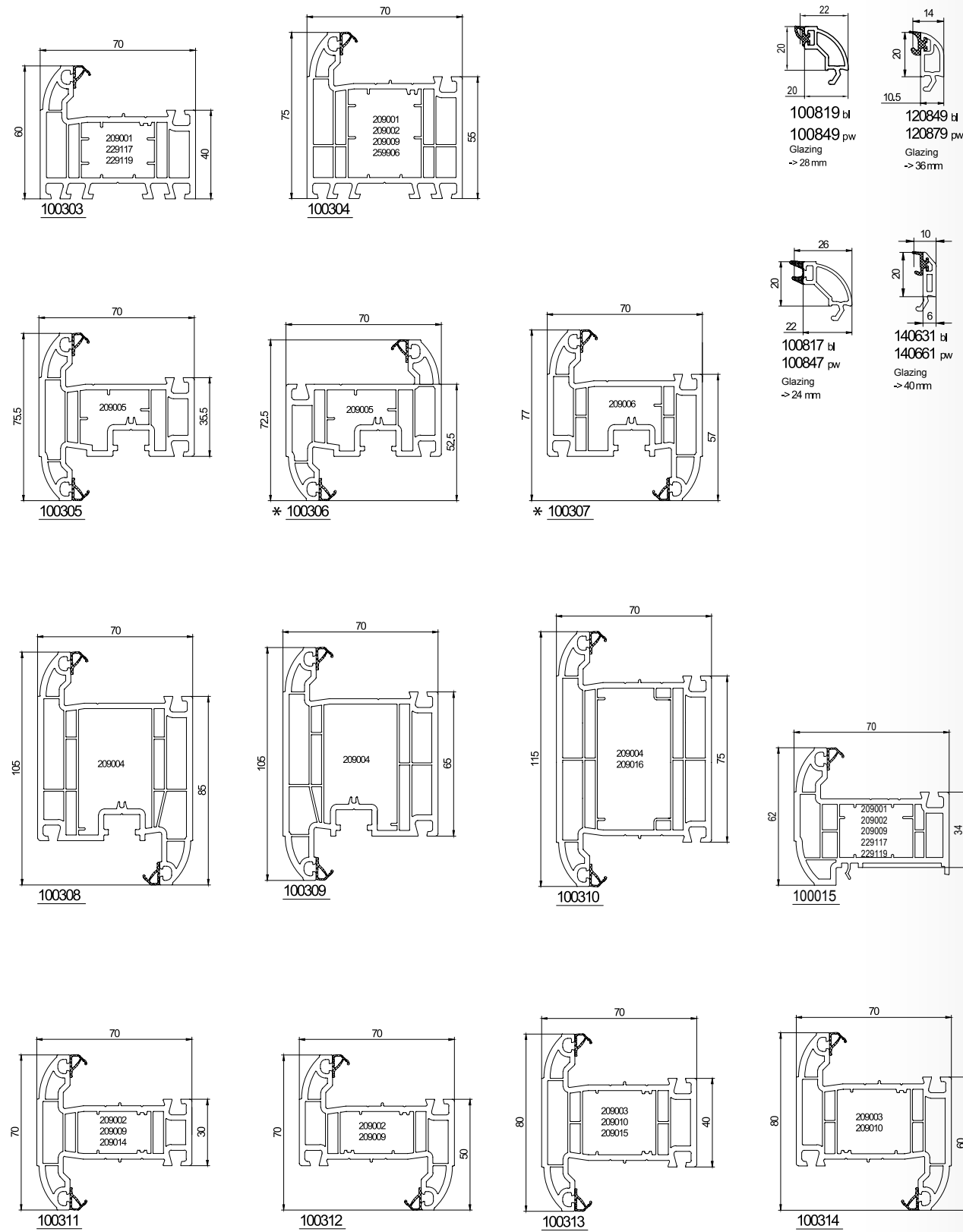
All lock pins are adjustable. Therefore, you can rest assured that your windows will remain tight for a very long time.





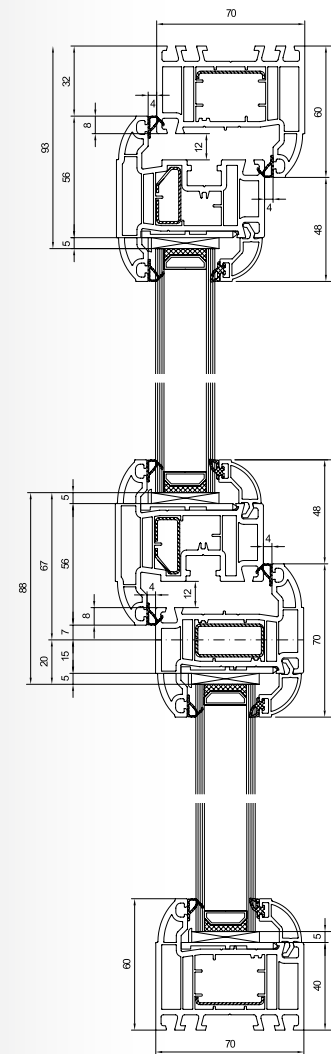
Technical drawings IDEAL 70

Main profiles

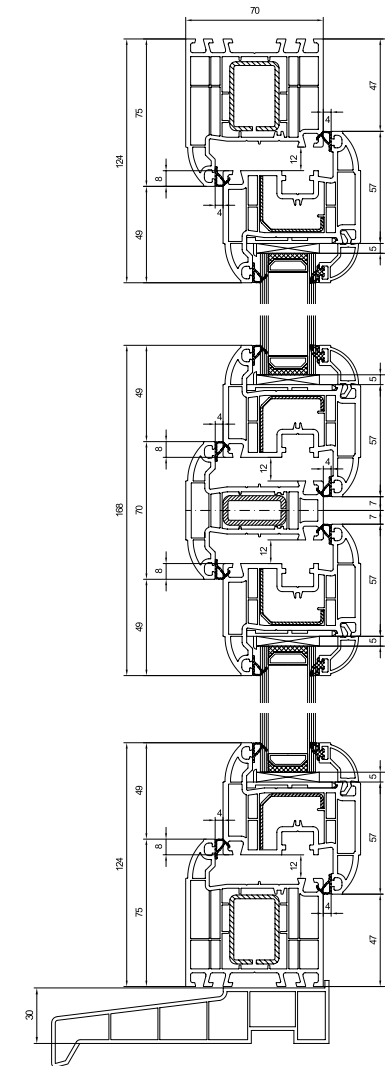


Technical drawings IDEAL 70

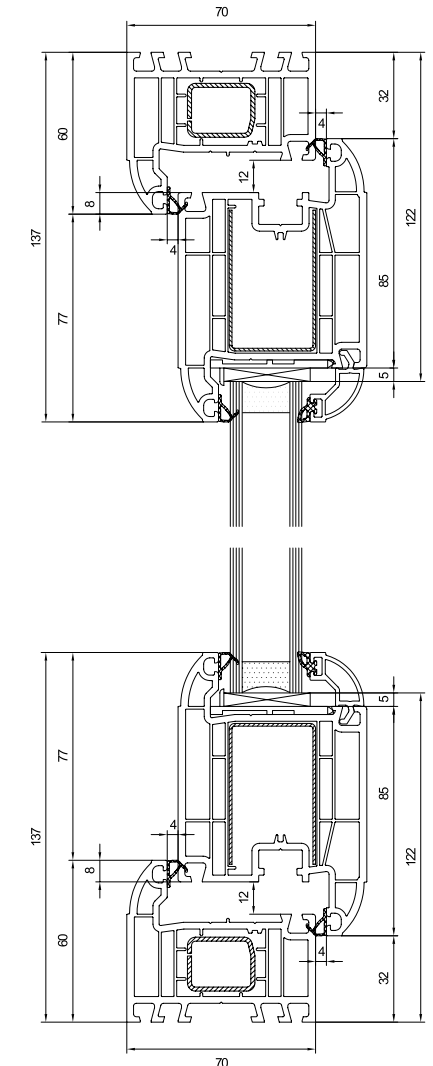
Internally glazed casement window

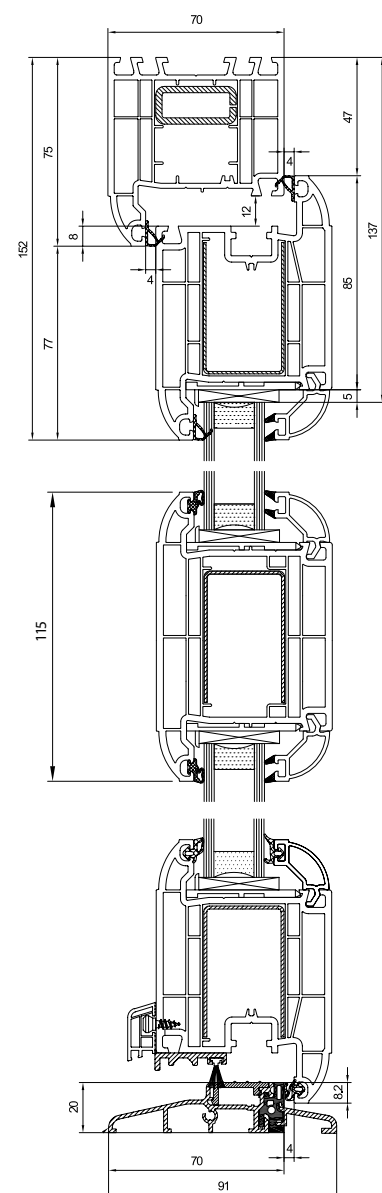
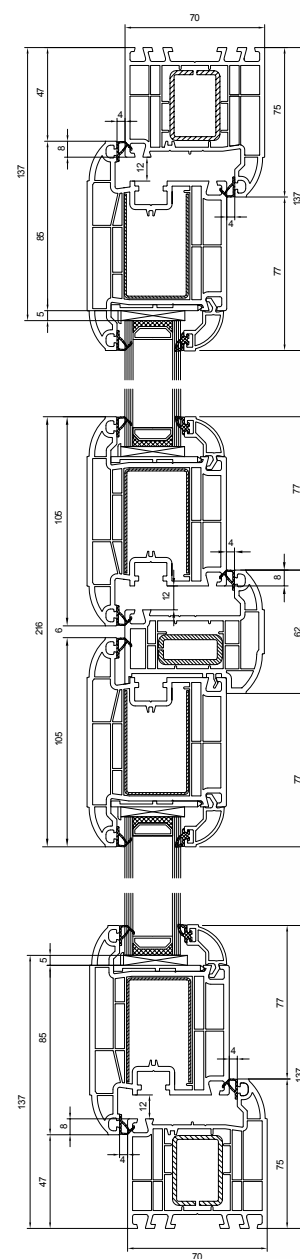


Tilt & turn window

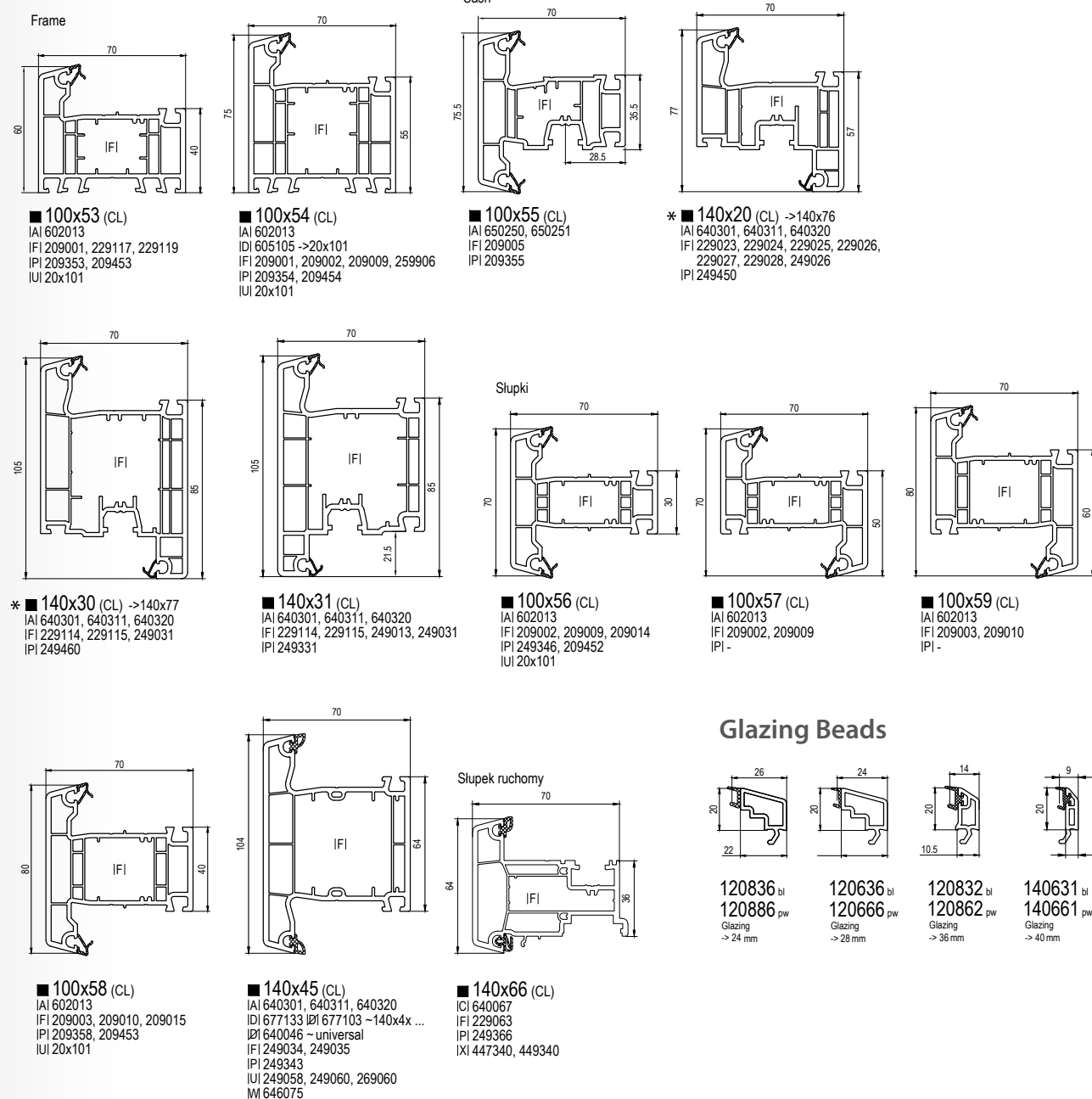


Residential door



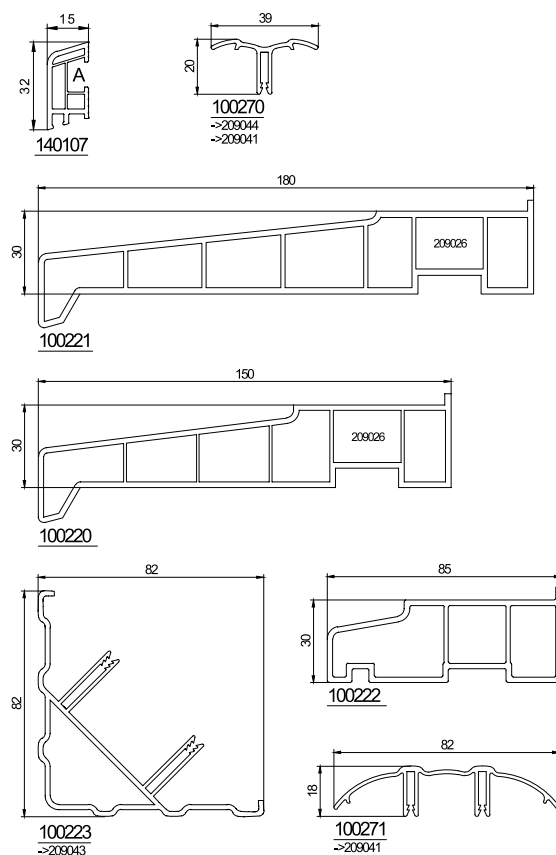
Inward opening
residential doorFrench door
fly mullion

Main Profiles

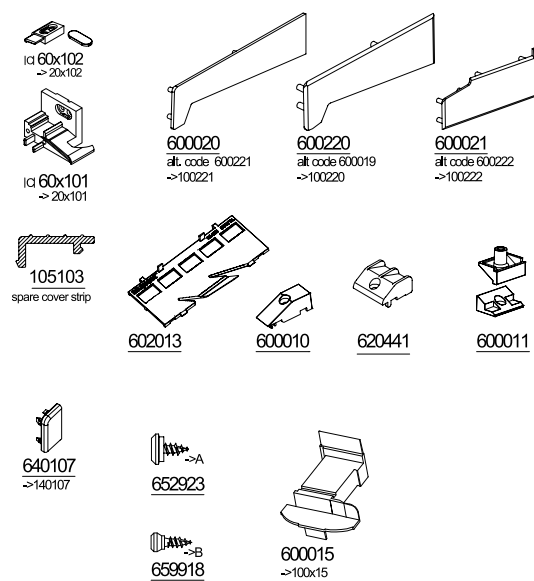


Additives and accessories

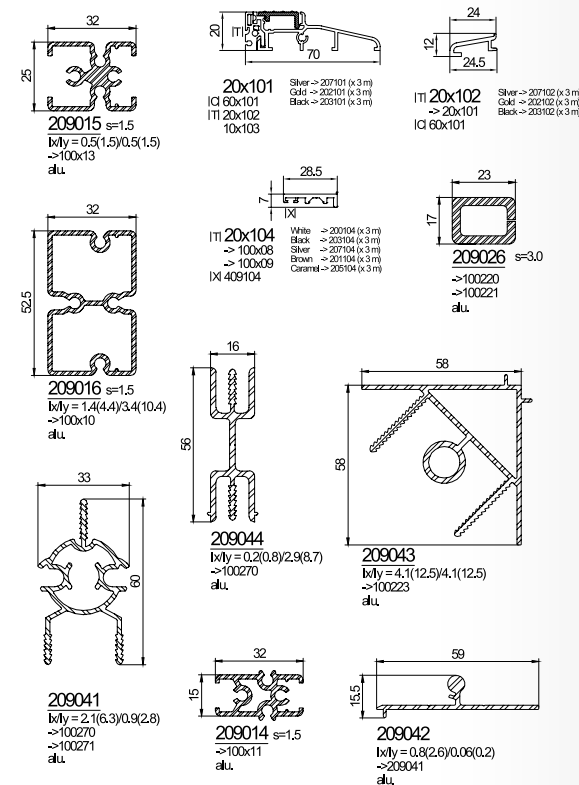
Additional profiles



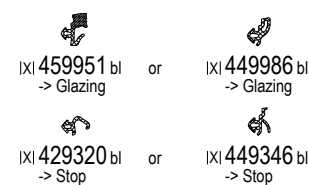
Equipment



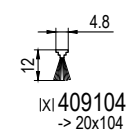
Aluminium profiles



Gaskets

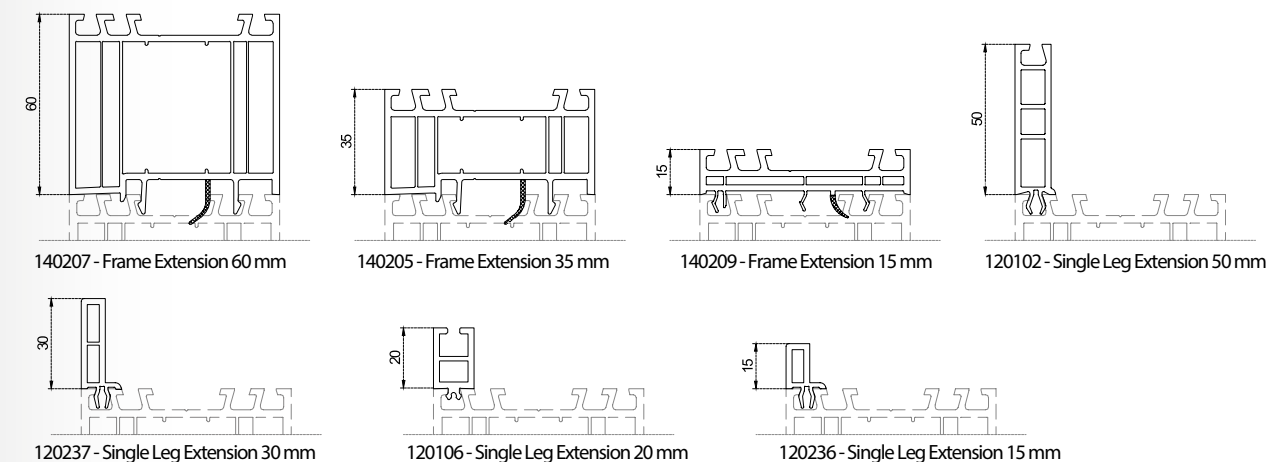


Brush seals

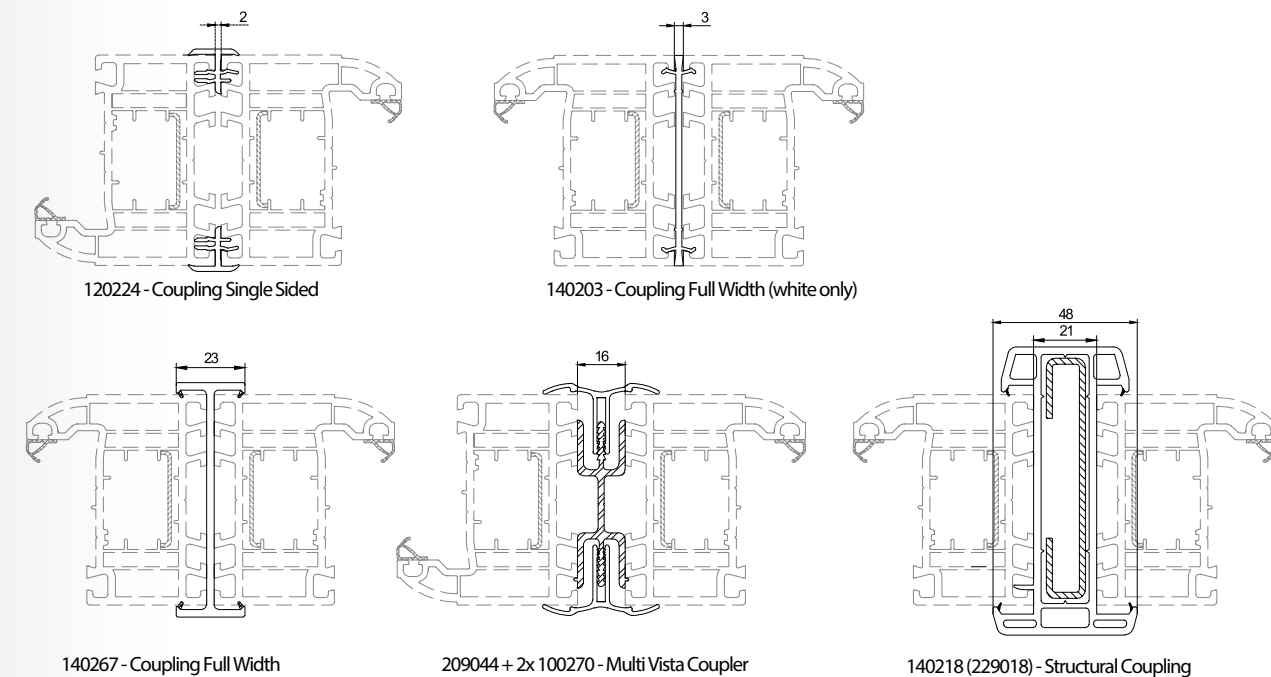


Additives and accessories

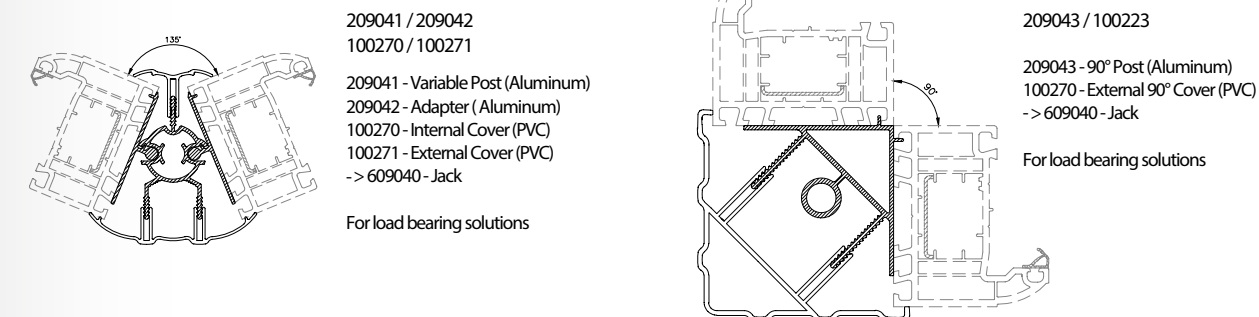
Extension profiles



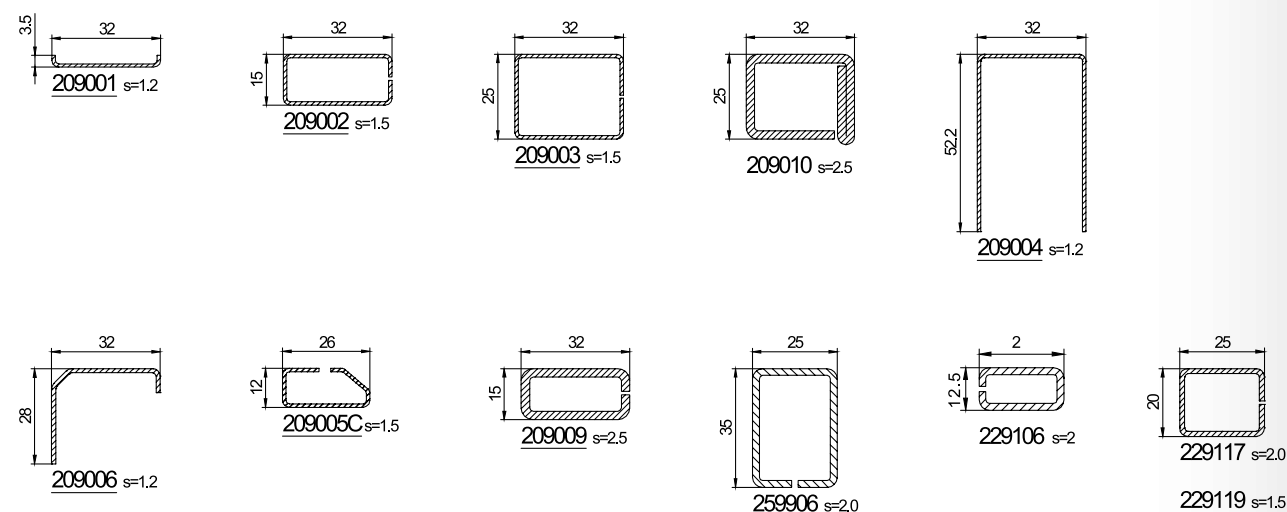
Coupling profiles



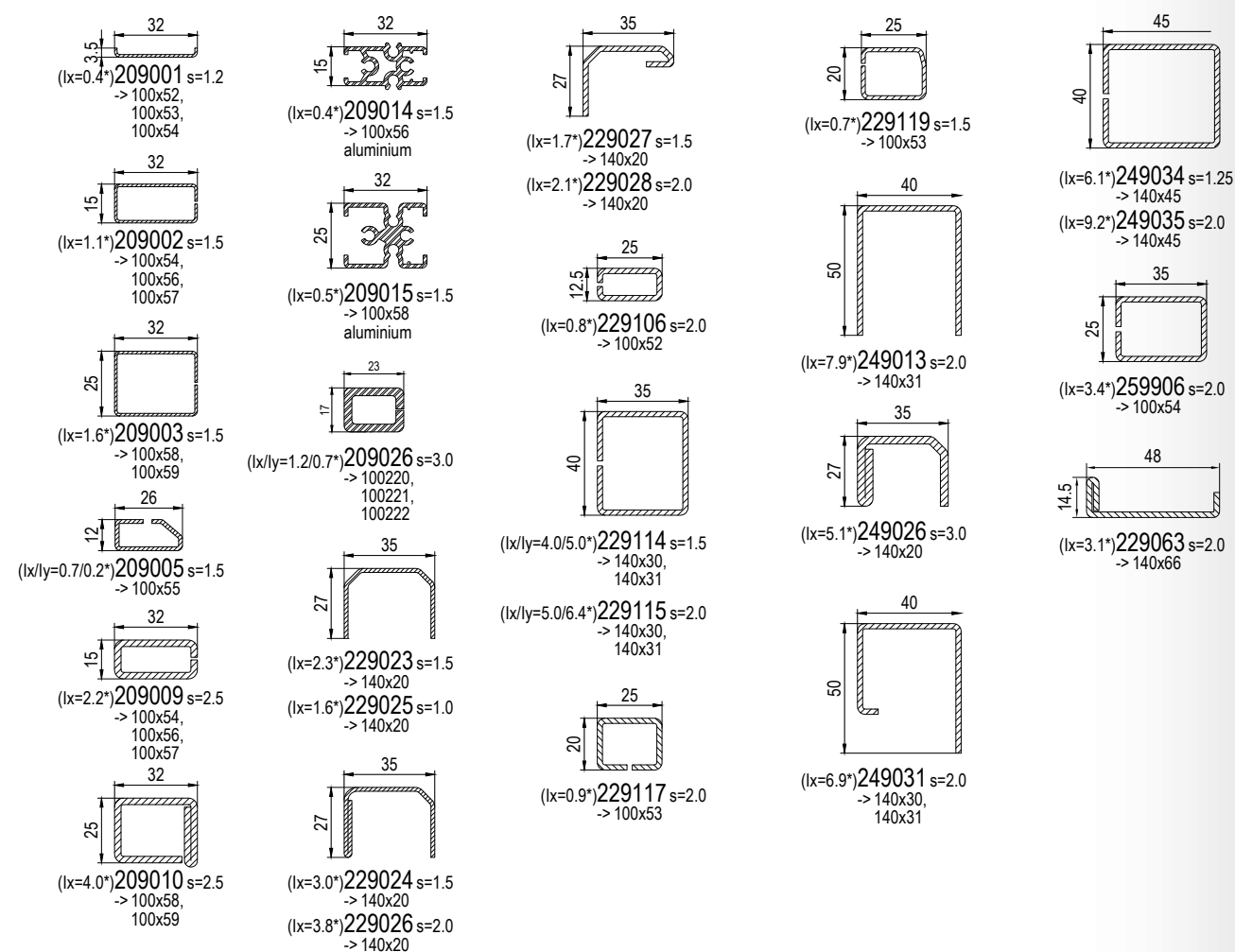
Angle coupling profiles



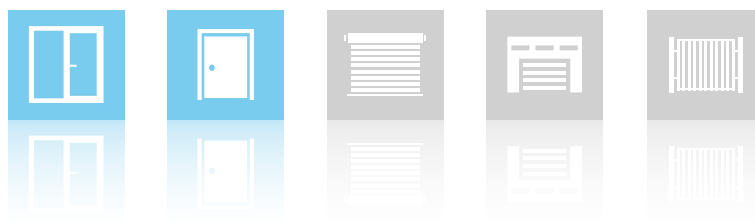
Reinforcements - Ideal 70



Reinforcements - Ideal 4000 Casement



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