



RAW MATERIAL - CHARACTERISTICS

Impact Strength

Profiles extruded from Aluplast U-PVC compound are outstanding for their resistance to fracturing, which is particularly evident at temperatures below 0°C.

Weather Resistance and Colour Stability

Aluplast U-PVC profiles have outstanding weather resistance and colour stability. These important characteristics have been confirmed by more than twenty five years of actual use.

Aluplast U-PVC profiles also possess high resistance to the various pollutant effects of an industrial atmosphere.



EUROPEAN WINDOWS & DOORS

European Windows & Doors
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Eco-Friendly

Aluplast U-PVC windows and doors feature eco-friendly UNLEADED stabilizers.

Insulation and Savings

Aluplast U-PVC profiles can save up to 35% of your energy costs because aluplast U-PVC profiles have high thermal and acoustic insulation performance.

Minimal Maintenance

The new and pristine look of Aluplast U-PVC is simply maintained by occasional cleaning with a mild soap or detergent or soapy water.

Aluplast U-PVC frames are constructed of weather proof vinyl material that does not require painting or staining.

All hardware, gaskets, weather-striping and glazing can be easily replaced without removing the frame from the structure. Window and door hardware may only need occasional lubrication.

Durability

Aluplast U-PVC frames will not rust or corrode. They will not split, warp, twist or deform from extreme Summer heat or cold.

Aluplast U-PVC is treated with special additives making the material extremely tough and durable. We refer to this as 'Impact modified'.

Combustion Resistant

Aluplast U-PVC frames are self extinguishing and will only burn when subjected to an external heat source.

Testing by the Fire Research showed that Aluplast U-PVC windows do not exhibit any aspects of combustion that could create additional hazards involving structure fires.

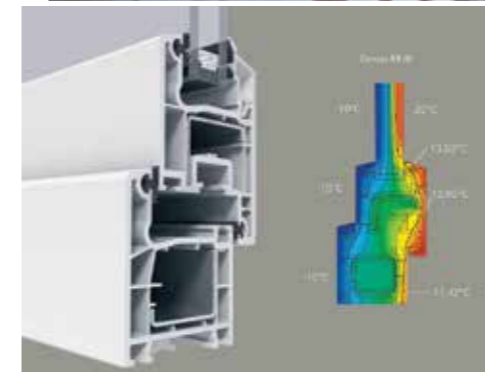
Weather Performance

Properly installed, Aluplast U-PVC windows and doors have outstanding weather resistance and comply with the requirements of all relevant standards.

Design Capabilities

Aluplast U-PVC window designs reproduce most existing and traditional styles.

Aluplast U-PVC windows and doors are both durable and low maintenance, making them the best and most cost effective option material for windows and doors.



2 3/8" profile depth •

Thermal insulation value of the standard combinations $U_f = 1.6 \text{ W/m}^2\text{K}$ •

Glazing thickness 1" •

Outstanding sound insulation up to Sound Transmission Class IV (43 dB) •

Available in different profiles •

Concealed drainage optional •

3-chamber backstop gasket system with two sealers •

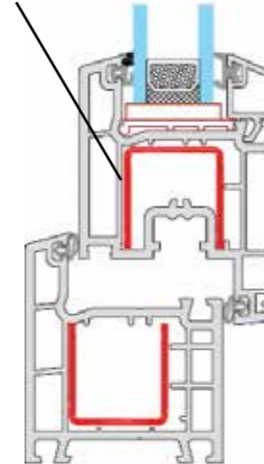
Special security hardware guarantees the highest level of burglary protection •

Available in walnut and white •

Minimum size 20" - Maximum Size 96" •

Window frame is steel reinforced •

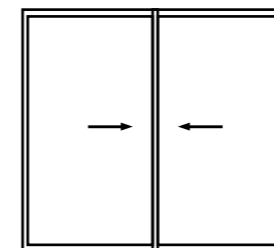
Steel Reinforcement



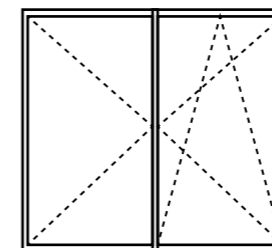
2D Cut-away View



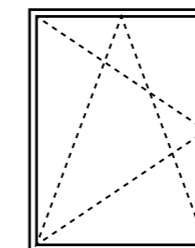
Tilt & Turn Window



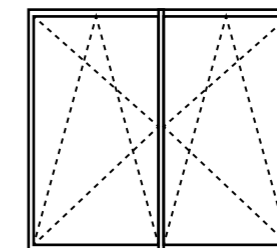
Sliding - L, R or Both



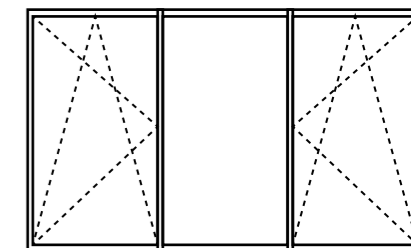
French Door



Single Window



Tilt & Turn Windows



Double T&T with Fixed Window