

ALTEST[®]
ALUMINIUM PROFILES SYSTEM



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**Series
WDS 70**



The window and door system **WDS 70** of company **ALTEST** is based on a 70mm thermally broken aluminium frame series designed according to European standards and is designed to receive hardware and accessories commonly used in PVC windows and doors.

It is a thermal break system with 34mm polyamide on the frame profile and 34mm for the sash.

The system consists of wide composition of profiles suitable for many kinds of typologies and architectural solutions.

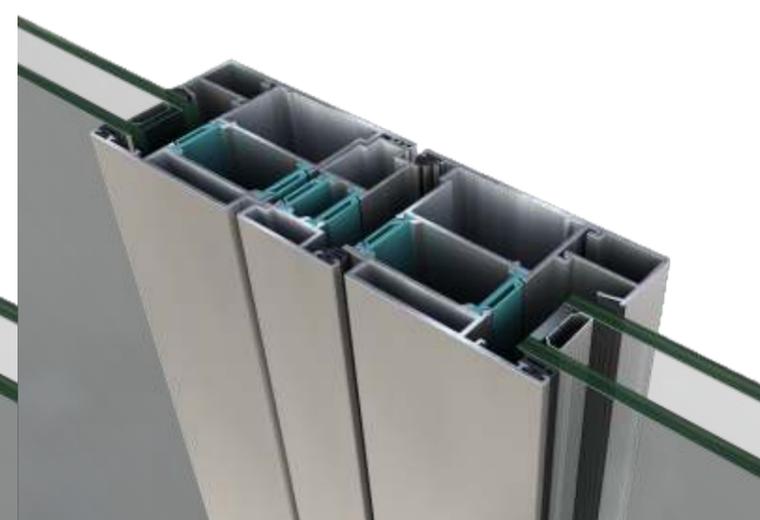
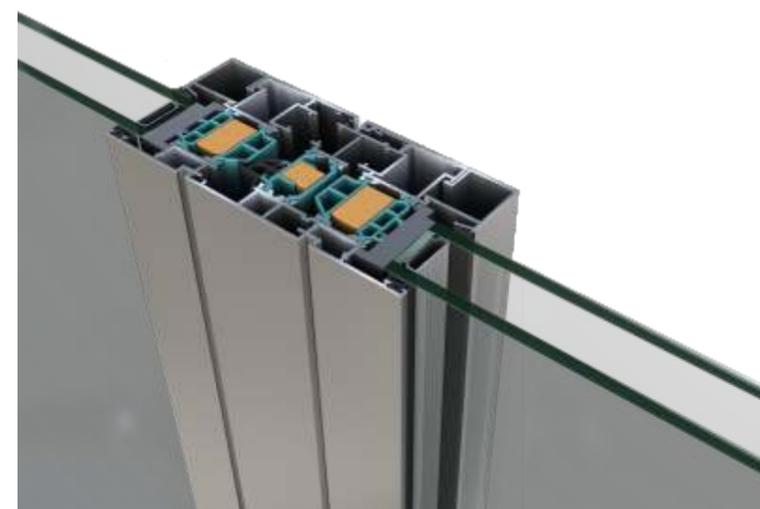
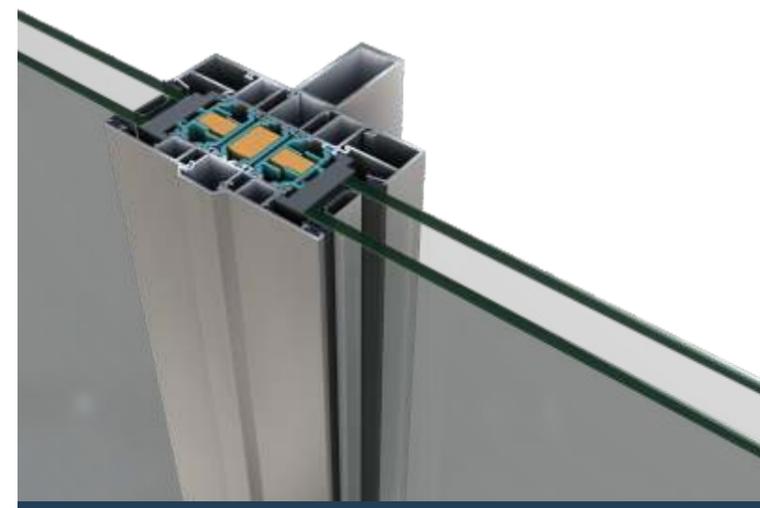
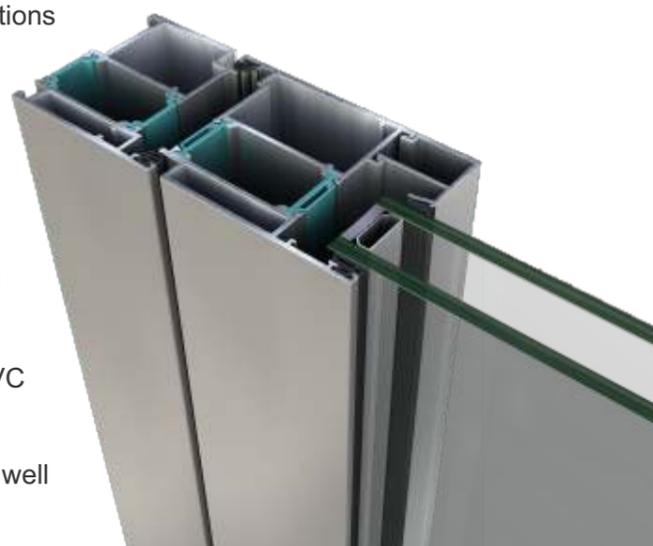
It is designed to fulfil exterior and interior architectural applications where thermal break is required.

The system **WDS 70** is suitable for different version of opening and fixed systems.

The range of profiles, modern accessories and gaskets of EPDM guarantee high performance, excellent drainage, high thermal resistance, high acoustic performance, and high wind resistance.

The series is suitable also for tilt and turn mechanism with a PVC groove.

Versions of fixed, vertical and horizontal opening windows as well as fixed and opening sections doors are possible.



The system **WDS 70** is based on work with 2 seal gaskets - central and inner seal (the central gasket is specially design for the series).

The dimensions of the profiles are to accept PVC hardware accessories and aluminium press corner connecting joints.

The system can accept accessories from the companies: GU, Siegenia, Roto, and many others.

The range basic profiles (frames) and glass holders, allows the usage of 24mm to 44mm glazing.

Of course variable design elaborations are possible, due to wide variety of frames, sashes and other auxiliary profiles.

This is a modern aluminium system, satisfying the latest architectural trends for doors and windows with very high thermal performances.

These advantages allow the system to be integrated in all kind of weather conditions and different buildings.

The profiles can be painted in all range of RAL colors.

The profiles are produced according to DIN 1725 T1, and is produce with the aluminium alloy AW6063 T6.

The technical and mechanical characteristics of the particular alloy are:

Elasticity module: 70 000 Nmm-2

Coefficient of linear expansion:
 $\alpha = 2.34 \cdot 10^{-6} \text{ K}^{-1}$

Tensile strength: $R_m = 215 \text{ Nmm}^{-2}$

Relative density: $\gamma = 2.7 \text{ gr.cm}^{-3}$