



<p style="font-family: Arial, helvetica, sans-serif; font-size: 11px; text-align: justify; border-width: 0px;"><tr> <td class="productheading1" style="font-family: Arial; color: #ed1c24; font-weight: bold;">TECHNICAL DESCRIPTION</td> </tr> <tr> <td style="font-family: Arial, helvetica, sans-serif;"> <p style="margin-top: 0px; margin-bottom: 0px;">The EUROPA 5500 series is a Hybrid System appropriate for every type of opening frame. The system uses CAMERA EUROPEA and a 24mm polyamide. It combines the high thermal insulation that offers the low factor of thermal conductivity of profiles U_f = 2.5 W/(m·K) (according to IFT Rosenheim standards) with the modern design (lines and elegant smooth curves) of the EUROPA 5000 series. EUROPA 5500 series, of oval design has two sizes of sashes (a small and a large one), four sizes of cases, one adjoining profile, three columns etc. EUROPA 5500 series has also straight type profiles, one case, two types of sashes (a small and a large one) and one adjoining profile. We can apply double or triple glasses 23mm to 53mm thick, as well as locks of one or three locking positions. It provides absolute water-tightness by having triple rubbers. Two sets of edge tools - one for the cases crossbeam and one for the sash crossbeam. The wide range of profiles and mechanisms gives the possibility to produce frames of high aesthetics and perfect functionality. All process of the profiles is made at the PIEJA punching machine of 5500. Furthermore, a wide range of accessories from all the major European Companies covers every construction type of the system.</td> </tr> <tr> <td style="font-family: Arial, helvetica, sans-serif;"></td> </tr> <tr> <td class="productheading1" style="font-family: Arial; color: #ed1c24; font-weight: bold;">TECHNICAL CHARACTERISTICS</td> </tr> <tr> <td style="font-family: Arial, helvetica, sans-serif;"> <p style="margin-top: 0px; margin-bottom: 0px;"></p> <p style="margin-top: 0px; margin-bottom: 0px;">SERIES: EUROPA 5500 Hybrid</p> <p style="margin-top: 0px; margin-bottom: 0px;">ALLOY: Al Mg Si-0.5 F22</p> <p style="margin-top: 0px; margin-bottom: 0px;">TOLERANCES ACCORDING TO: ?? 12020-2</p> <p style="margin-top: 0px; margin-bottom: 0px;">EKANAL CERTIFICATION RESULTS:
Dimensions:1400x2200mm.
Air permeability: Class 4.
Water tightness: Class E 900.
Wind resistance: Class C4.</p> <p style="margin-top: 0px; margin-bottom: 0px;">A.U.TH CERTIFICATION RESULTS:
(Architecture technology lab)
Dimensions: 1230x1480mm.
Factor of sound insulation: R_w(C;Ctr)=40(-2;-6) dB.
Factor of thermal conductivity for frame: U_w = U_{st} = 1.70 W/(m·K).</p> <table border="1"> <tr> <td style="font-family: Arial, helvetica, sans-serif;"> <p style="margin-top: 0px; margin-bottom: 0px; line-height: 13px; vertical-align: middle;"><span</p>

EUROPA 5500 Hybrid S.I.

The S.I. series refers to the use of special 39mm polyamides with the simultaneous interpolation of special insulation materials (kooltherm) between the polyamides and special elastomer foam which is installed at the perimeter under the glazing. This combination together with the advanced technical design of the series offers the particularly high thermal insulation efficient.

IFT ROSENHEIM CERTIFICATION RESULTS:

Thermal Transmittance Coefficient of the profiles for the S.I. series: $U_f = 1.4 - 1.8 \text{ (W/m}^2 \text{K)}$

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GLASS THICKNESS: Use double or triple glasses from 23mm to 53mm in width.

BASIC DIMENSIONS OF THE SYSTEM:

Case: Width 78mm & height 50mm.
Glass sash: Width 78,5mm & height 69,3mm.
Door: sash: Width 78,5mm & height 98,3mm.
Adjoining profile: Width 72,8mm & height 61mm.
Space between sash and case: 5mm.
Central space between sashes: 5mm.

USAGE

For thermally insulated opening systems (doors, windows, projected, reversion, fixed frames etc.)


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