

PVC & ALUMINIUM WINDOWS AND DOORS FOR PREFABRICATED MODULAR BUILDING
PVC IN ALUMINIJASTO STAVBNO POHIŠTVO ZA MONTAŽNO MODULARNO GRADNJO



Piva Group

made in Italy
for the world

izdelano v italiji za
uporabo po svetu

Piva Group is a multinational Company leader in PVC and aluminium frames for prefabricated homes, residential market and sandwich panels for wall and roof modular and prefabricated building constructions. Mondial Division, Residential PVC and the Panels System Division for the insulated panels are the three pillars of a production reality that bases its activity on a thirty year experience and on a deep knowledge of the subject.

Since 1986, Piva Group has never ceased to grow and entered in an international perspective while fortifying more and more the territory of origin. The company started with the headquarter Roncanova in Gazzo Veronese (VR), which with over 100,000 square meters of surface represents the heart and the brain of the entire Piva Group system and after Piva Group landed in Spain in Salamanca, then overseas in the United States, where since 2015 it is present with a plant in Ste. Genevieve in Missouri and in 2017 in the Czech Republic and Australia.

Piva Group bases its success on the ability to combine industrial production logics with craftsmanship accuracy, to deliver a product that is not only highly personalized, but also has a high quality-price ratio. The basis of this result is continuous, constant investment in Research and Development, decisive in the formation of a winning business culture and a wealth of superior technical knowledge, all ingredients necessary to produce excellence. The Piva Group focuses on environmental issues, which can be said to be the foundation of the entire activity.

Piva Group je vodilna multinacionalna družba na področju PVC in aluminijastega stavbnega pohištva za trg montažne in stanovanjske gradnje ter stenskih sendvič, modularnih in montažnih panelov. Matično podjetje ima tri divizije: oddelek za mednarodno poslovanje, oddelek za PVC stavbno pohištvo in oddelek panelnih sistemov. Skupaj tvorijo srce proizvodnjega podjetja, ki je na trgu prisotno že več kot 30 let.

Od leta 1986 družba Piva Group neprestano raste, tako da danes uspešno posluje na mednarodni ravni, medtem pa se je trdno ukoreninila na državnem ozemlju. Iz operativnega sedeža v kraju Roncanova di Gazzo Veronese (VR), kjer se na površini 100.000 m² nahajata tako srce kot možgani celotnega sistema Piva Group, je družba prodrla najprej na španski trg, kjer je leta 2004 ustanovila proizvodni obrat v Salamanci, nato prek oceana v Združene države Amerike, kjer je od leta 2005 prisotna s tovarno v kraju Ste. Genevieve v Missouriju, leta 2017 pa še na Češko in v Avstralijo.

Uspeh družbe Piva Group temelji na sposobnosti povezave industrijske proizvodnje z rokodelsko natančnostjo, zaradi česar so izdelki narejeni po meri, poleg tega zagotavljajo odlično razmerje kakovosti in cene. Ta rezultat je posledica stalnega vlaganja v raziskave in razvoj, kar je odločilno vplivalo na oblikovanje zmagovalne podjetniške kulture in vrhunskega tehničnega znanja, kar sta nujni sestavini za zagotavljanje odličnosti. Družba Piva Group namenja veliko pozornosti okoljski problematiki, za katero je mogoče reči, da je temelj celotne dejavnosti.

pvc windows and doors

pvc okna in vrata

prefabricated modular construction . montažna modularna gradnja

PVC

Choosing profiles for PVC frames means to preserve the forests because PVC is a thermoplastic material of predominantly natural origin which uses very few raw materials with limited and non-renewable availability. Choosing PVC window frames is an ethical choice; means reducing pollution. PVC windows, thanks to the high thermal insulation, represent a choice oriented towards energy saving, with a view to reducing emissions from domestic systems and the consequent atmospheric pollution. The PVC windows are also among the most resistant and with the best durability.

GREAT INSULATION

PVC is a water-repellent material. The heat-sealing of the corners of the frame, makes the profiles a unique body by increasing the tightness of the joints. The particular profile of the profile facilitates the outflow of rain outside. The geometry of the profile also allows the discharge of possible inlet through drainage holes allowing the seal even in the most adverse weather conditions.

REACTION TO FIRE

PVC is a fire retardant polymer. The presence of chlorine optimizes the fire behavior of PVC, making it able to slow down the propagation of the flame.

PVC

Izbira PVC profilov za stavbno pohištvo zagotavlja ohranitev gozdov, saj je PVC termoplastični material pretežno naravnega izvora, za izdelavo katerega je uporabljenih zelo malo neobnovljivih surovin, ki bi bile težko dosegljive. Nakup PVC stavbnega pohištva je torej etična odločitev in obenem pomeni zmanjšanje onesnaževanja. Zaradi visoke toplotne izolativnosti zagotavlja stavbno pohištvo Piva prihranek energije v skladu z zmanjševanjem emisij domačih sistemov in posledičnega onesnaževanja zraka. Poleg tega je PVC stavbno pohištvo med najbolj trpežnimi in obstojnimi.

VISOKA IZOLATIVNOST

PVC je vodoodbojni material. Zaradi termično varjenih vogalov okvirja in kril tvorijo profili en sam sklop, kar zagotavlja boljše tesnjenje tesnil. Posebno oblikovani profili omogočajo lažje odtekanje dežnih kapljic na zunanji površini. Oblika profila omogoča tudi odtekanje morebitne vode skozi odvodne odprtine, kar zagotavlja hermetično tesnjenje tudi v najslabših vremenskih razmerah.

ODZIV NA OGENJ

PVC je negorljiv polimer. Vsebnost klora v njem zagotavlja optimalno obnašanje PVC v primeru požara, celo do te mere, da upočasni širjenje požara.



windows/okna

piva 58

Series characterized by minimal profiles, ideal for application on walls with limited thickness. Opening A/R with possibility of opening to the outside, with and without shutter. External or internal batten frame to meet every construction site situation.

Ta serija je zaradi minimalnih profilov idealna za vgradnjo v zidove manjših debelin. Odpiranje navzven in nagibno, z roletto ali brez. Okvir z zunanjim ali notranjim prislonom lahko zadovolji kakršne koli vgradne zahteve.

piva 75

Series designed to meet the most stringent insulation requirements, thanks to the 7-chamber window profile and 6-chamber profiles on the frame. Possibility of inserting double glazing no 39 mm thick. Steel reinforcement both on the door wing and on the frame for stability and durability. Opening A/R with and without shutter. Internal and external installation.

Ta serija s 7 komornimi profili na krilu in 6 komornimi profili na okvirju je zasnovana tako, da lahko zadosti najstrožjim zahtevam izolativnosti. Možnost vgradnje dvoslojnega stekla do debeline 39 mm. Jeklena ojačitev na profilu krila in na okvirju zagotavlja trdnost in obstojnost. Zaobljeni profil krila. Odpiranje navzven in nagibno, brez rolete. Okvir z zunanjim ali notranjim prislonom.

piva sliding

Sliding with possible opening of both mirrors for wider and different use. Available with or without shutter, the reinforced pro ensures stability and robustness without compromising movement. The silent sliding system makes the operation comfortable and fluid.

Drsna okna z možnostjo odpiranja obeh stekel za različne načine uporabe. Ojačani profil, ki je na voljo z roletto ali brez, zagotavlja trdnost in stabilnost, kar pa ne vpliva na pomikanje. Tihi drsni sistem zagotavlja lahko in neovirano delovanje.

doors/vrata

piva swing and sliding

Versatile product with multiple applications, the hinged and sliding doors in PVC summarize the characteristics of resistance, durability, economy and thermal performance typical of this material. All the products used can be painted to meet the client's aesthetic needs.

Vsestranski izdelek s številnimi možnostmi uporabe. Enokrilna in drsna vrata iz PVC so trdna, obstojna, varčna in se ponašajo z značilno toplotno učinkovitostjo tega materiala. Vse uporabljene profile je mogoče barvati glede na estetske zahteve stranke.

Piva 58



tilt & turn windows
internal or external fitting

tilt & turn windows with roller shutter
internal or external fitting

nagibna okna
zunanji/notranji prislon

nagibna okna z roletami
zunanji/notranji prislon

Technical information

White rigid PVC extruded profiles
Sealing system with coextruded EPDM seals on door and frame.
Depth of the frame system 77 mm.
Window profile depth 58 mm.
Possibility of glass with a thickness from 23 mm to 30 mm (in single-chamber or cata-layer glass).
Opening system made with modular hardware in galvanized steel with components in diecast aluminum.
Closing system with handle in white nylon.
Possibility of super-varnishing performed by leading specialized companies.
Possibility of applying anti-intrusion aluminum bars.
Possibility of application of external mosquito net (ssa or swing door).
Possibility of application of frame holder.

Tehnični podatki

Ekstrudirani profili iz trdega PVC bele barve.
Sistem tesnjenja s koekstrudiranimi tesnili iz EPDM na krilu in okvirju.
Globina sistema okvirja 77 mm.
Globina krila 58 mm.
Možnost vgradnje stekla debeline 23 mm do 30 mm (dvoslojna zasteklitev z eno ali večplastnim panelom).
Sistem odpiranja z modularnim okovjem iz pocinkanega jekla z elementi iz litega aluminija.
Sistem zapiranja s kljuko iz najlona, bele barve.
Možnost površinskega barvanja s strani certificiranih specializiranih primarnih podjetij.
Možnost namestitve aluminijastih protivlomnih letvic.
Možnost vgradnje zunanjega (fiksne ali krilnega) komarnika.
Možnost vgradnje nosilnega okvirja za montažo letev.

PERFORMANCE CERTIFICATION RELEASED BY IFT ROSENHEIM INSTITUTE

TILT & TURN WINDOWS EXTERNAL OR INTERNAL FITTING - NAGIBNA OKNA ZUNANJI/NOTRANJI PRISLON

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 3 according to EN 12207	class 7A according to EN 12208	EN ISO 10077-1	class C4	class B1 according to DIN 4102

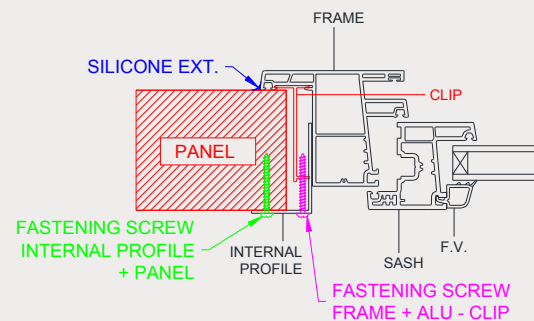
TILT & TURN WINDOWS WITH ROLLER SHUTTER EXTERNAL OR INTERNAL FITTING NAGIBNA OKNA Z ROLETAMI ZUNANJI/NOTRANJI PRISLON

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 4 according to EN 12207	class 7A according to EN 12208	EN ISO 12567-1/2 with glass $U_g=1,1 \text{ W/m}^2\text{K}$	class C4	class B1 according to DIN 4102

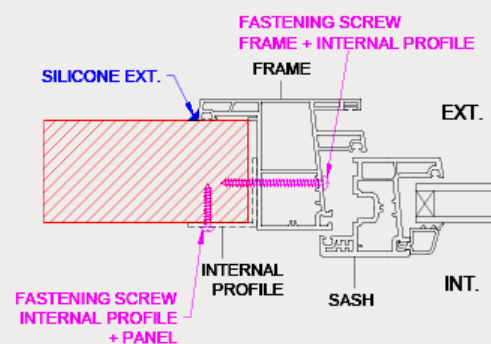
Tested according to American and Canadian criteria AAMA / WDMA / CSA certified da NAMI®

INSTALLATION OF WINDOWS

INTERNAL PROFILE + SNAP



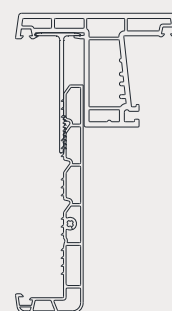
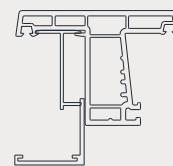
INTERNAL PROFILE WITHOUT SNAP



INTERNAL PROFILE DIMENSIONS

FOR PANEL WIDTH
UP TO 60mm

FOR PANEL WIDTH
UP TO 130mm





Piva 75

tilt & turn windows
internal or external fitting

tilt & turn windows with roller shutter
internal or external fitting

nagibna okna
zunanji/notranji prislon

nagibna okna z roletami
zunanji/notranji prislon

Technical information

White rigid PVC extruded profiles.
Sealing system with coextruded EPDM seals on window profile and frame.
Depth of the frame system 91 mm.
window profile depth 77 mm.
Possibility of glass with a thickness from 23 mm to 39 mm (in single-chamber or cata-layer glass).
Opening system made with modular hardware in galvanized steel with components in diecast aluminum.
Closing system with handle in white alloy.
Possibility of super-varnishing performed by leading specialized companies.
Possibility of applying anti-intrusion aluminum bars.

Tehnični podatki

Ekstrudirani profili iz trdega PVC bele barve.
Sistem tesnjenja s koekstrudiranimi tesnili iz EPDM na krilu in okvirju.
Globina sistema okvirja 91 mm.
Globina krila 77 mm.
Možnost vgradnje stekla debeline 23 mm do 39 mm (dvoslojna zasteklitev z eno ali večplastnim panelom).
Sistem odpiranja z modularnim okovjem iz pocinkanega jekla z elementi iz litega aluminija.
Sistem zapiranja s kljuko iz zlitine bele barve.
Možnost površinskega barvanja s strani certificiranih specializiranih primarnih podjetij.
Možnost namestitve aluminijastih protivlomnih letvic.

PERFORMANCE CERTIFICATION RELEASED BY IFT ROSENHEIM INSTITUTE

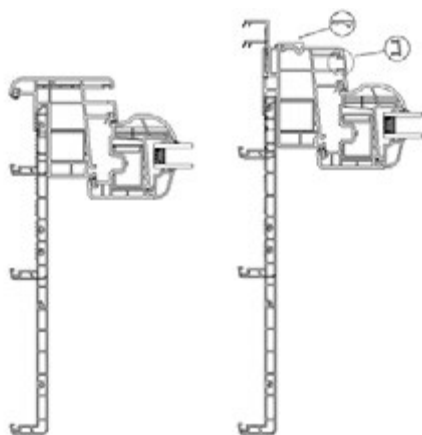
TILT & TURN WINDOWS EXTERNAL OR INTERNAL FITTING - NAGIBNA OKNA ZUNANJI/NOTRANJI PRISLON

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 4 according to EN 12207	class 8A according to EN 12208	EN ISO 10077-1	class C5/B5 according to EN 12210	class B1 according to DIN 4102

TILT & TURN WINDOWS WITH ROLLER SHUTTER EXTERNAL OR INTERNAL FITTING NAGIBNA OKNA Z ROLETAMI ZUNANJI/NOTRANJI PRISLON

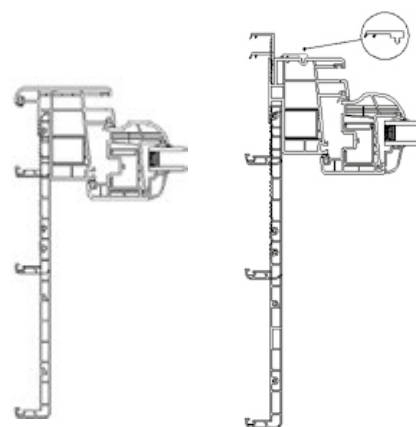
AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 4 according to EN 12207	class E75 according to EN 12208	EN ISO 12567-1/2 with glass Ug=1,1 W/m ² *K	class C3/B3 according to EN 12210	class B1 according to DIN 4102

Tested according to American and Canadian criteria AAMA / WDMA / CSA certified da NAMI®



External fitting
Zunanji prislon

Internal fitting
Notranji prislon



External fitting
Zunanji prislon

Internal fitting
Notranji prislon



Piva Sliding

sliding window

sliding window with rolling shutter

drsna okna

drsna okna z roletami

Technical information

White rigid PVC extruded profiles.

Propylene brush sealing system on the window profile.

Profiles designed primarily for exterior fitting solutions.

Depth of the frame system 77 mm.

Window profile depth 27 mm.

Possibility of inserting glass with a thickness of 23 mm.

Steel reinforcement inside the window chamber.

Sliding system on aluminum tracks with plastic trolleys.

Closing system with gripper handles in black nylon (or aluminum manhole covers).

Possibility of super-varnishing performed by leading specialized companies.

Possibility of applying a fix or sliding mosquito net.

Tehnični podatki

Ekstrudirani profili iz trdega PVC bele barve.

Sistem krtačnih tesnil iz propilena na krilu.

Profili, zasnovani predvsem za rešitve z zunanjim prislonom.

Globina sistema okvirja 77 mm.

Globina krila 27 mm.

Možnost vgradnje stekla debeline 23 mm.

Jeklena ojačitev v notranjosti komore krila.

Sistem pomikanja po aluminijastih vodilih z vozički iz plastične mase.

Sistem zapiranja s kljuko iz najlona črne barve (ali vgradnimi zapirali iz aluminija).

Možnost površinskega barvanja s strani certificiranih specializiranih primarnih podjetij.

Možnost vgradnje fiksne ali pomičnega komarnika.

PERFORMANCE CERTIFICATION RELEASED BY GIORDANO IT INSTITUTE

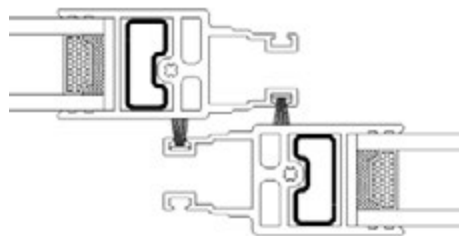
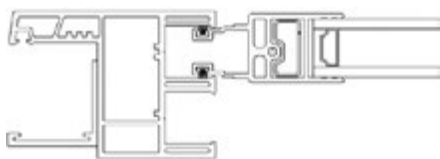
SLIDING WINDOW - DRSNA OKNA

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 3 according to EN 12207	class 3A according to EN 12208	(EN ISO 10077-1): 2.00 W/m ² *K (with glass Ug=1.1 W/m ² *K)	class E2500 according to EN 12210	class B1 according to DIN 4102

SLIDING WINDOW WITH ROLLING SHUTTER - DRSNA OKNA Z ROLETAMI

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 2 according to EN 12207	class 3A according to EN 12208	(EN ISO 10077-1): 2.00 W/m ² *K (with glass Ug=1.1 W/m ² *K)	class E2500 according to EN 12210	class B1 according to DIN 4102

Tested according to American and Canadian criteria



PVC series/serija

swing door dvokrilna vrata



Technical information

White rigid PVC extruded profiles.
Sealing system with coextruded EPDM seals on the door and frame.
Depth of the frame system 58 mm.
Possibility of glass with a thickness from 23 mm to 30 mm (in single-chamber or cata-layer glass).
Opening / closing system realized by a lock with several closing points with shaped cylinder and white aluminum handle.
4 micron painted galvanized steel hinges.
Possibility of super-varnishing performed by leading specialized companies.
Possibility of application of anti-intrusion bars in aluminum and / or shutter.
Possibility of application of frame holder.

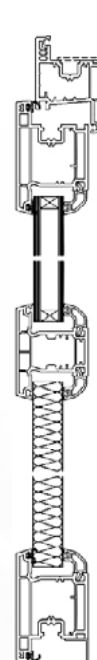
Tehnični podatki

Ekstrudirani profili iz trdega PVC bele barve.
Sistem tesnjenja s koekstrudiranimi tesnili iz EPDM na krilu in okvirju.
Globina sistema okvirja 58 mm.
Možnost vgradnje stekla debeline 23 mm do 30 mm (dvoslojna zasteklitev z eno ali večplastnim panelom).
Sistem odpiranja/zapiranja z večtočkovno ključavnico s cilindričnim vložkom in kljuko iz aluminija bele barve.
Jeklene sponke z lakirano pocinkano prevleko debeline 4 mikrone.
Možnost površinskega barvanja s strani certificiranih specializiranih primarnih podjetij.
Možnost namestitve aluminijastih protivlomnih letvic in/ali rolet.
Možnost vgradnje nosilnega okvirja za montažo letev.



PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

AIR PERMEABILITY class 2 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE calculated according to EN ISO 10077-1
WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION DIN 4102 B1	



PVC series/serija

sliding door drsna vrata

Technical information

Technical information

Extruded profiles in rigid white PVC. Sealing system with coextruded EPDM seals on door and frame and with brush seals on the door. Depth of the frame system 77.5 mm.

Depth of the door 42.5 mm.

Possibility of glasses from 4 mm to 22 mm (single plate, cata sheets or double glazing).

Trolleys reach 80 Kg with possibility of registration + / - 2,5 mm.

Opening / closing system realized by a lock with several closing points with shaped cylinder and white aluminum handle. Possibility of super-varnishing performed by leading specialized companies.

Tehnični podatki

Ekstrudirani profili iz trdega PVC bele barve.

Sistem tesnjenja s koekstrudiranimi tesnili iz EPDM na krilu in okvirju ter krtačnimi tesnili na krilu.

Globina sistema okvirja 77,5 mm.

Globina krila 42,5 mm.

Možnost vgradnje stekla debeline 4 mm do 22 mm (eno ali večplastni panel ali dvojna zasteklitev).

Vozički z nosilnostjo 80 kg z možnostjo nastavitve + / - 2,5 mm.

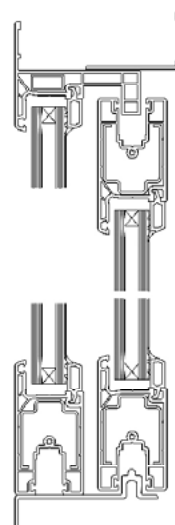
Sistem odpiranja/zapiranja z večtočkovno ključavnico s cilindričnim vložkom in kljuko iz aluminija bele barve.

Možnost površinskega barvanja s strani certificiranih specializiranih primarnih podjetij.



PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

AIR PERMEABILITY class 2 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE calculated according to EN ISO 10077-1
WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION DIN 4102 B1	



aluminium windows and doors aluminijasta okna in vrata

prefabricated modular construction . montažna modularna gradnja

WHY CHOOSE ALUMINIUM

Aluminum is a very light material with a low specific weight. Raw construction costs are very low at this stage. The resistance is very high and can be calculated accurately. It is also ideal for the construction of doors and windows, and large facades. It can be infinitely fused with limited energy consumption. More aluminum is recycled, more economical it becomes.

PRACTICALITY AND FUNCTIONALITY

It is possible to extrude articulated geometries that are ideal for windows, doors and windows with the most modern opening systems. Aluminum combines lightness and exibility with great strength and solidity. Aluminum is therefore the material to be used in modern architecture, ductile to all shapes and colors, traditional and modern.

REACTION TO FIRE

Aluminum, can be used for the construction of fire-rated materials in class 0.

ZAKAJ IZBRATI ALUMINIJ

Aluminij je zelo lahek material z majhno specifično težo. Zato so stroški izdelave surovine v tej fazi zelo nizki. Ima zelo visoko odpornost, ki jo je mogoče natančno izračunati. Idealen je tudi za izdelavo stavbnega pohištva, oken, vrat in obsežnih fasad. Mogoče ga je neskončno veliko krat znova uliti z omejeno porabo energije. Več aluminija se reciklira, cenejši je.

PRIROČNOST IN FUNKCIONALNOST

Ekstrudirati je mogoče zapletene oblike, idealne za profile za okna, vrata in balkonska vrata z najsodobnejšimi sistemi odpiranja. Aluminij združuje lahkost in prilagodljivost, izredno odpornost in trdnost. Aluminij je torej material, ki je primeren za uporabo v sodobni arhitekturi, saj je prilagodljiv vsem oblikam in barvam, tako klasičnim kot sodobnim.

ODZIV NA OGENJ

Aluminij se lahko uporablja za izdelavo stavbnega pohištva z razredom odziva na ogenj 0.



windows/okna

2005 series/serija

The 2005 Series is the most versatile and rich in types, combinations and accessories that complete it Sliding, A/R, Vasistas, protrude, up/down, fixed door-conditioner; with and without shutter, with simple or isolated box, mosquito nets, inside curtains and anti-intrusion bars: these are some of the many characteristics that can be attributed to the series of windows and doors. For each solution the practical fixing system with clips is available.

Serija 2005 JE najbolj vsestranska in ponuja največ različnih vrst, kombinacij in dodatkov. Drsna, navzven in nagibna, nagibna, potisna, dvizna, loputa za vgradnjo klimatske naprave, z roletto ali brez, z enostavnim ali izoliranim ohišjem, komarnik, notranje zavese in protivlomne letvice – to so le nekatere od številnih lastnosti, s katerimi se ponaša okovje te serije. Za vsako rešitev je na voljo priročen sistem pritrditve s sponkami.

doors/vrata

50 series/serija

The most robust line of aluminum doors, ideal as entrance doors, made with increased thickness profiles. with or without intermediate band, which allow the insertion of glasses or panels up to 50mm thickness.

Najtrpežnejša linija aluminijastih vrat, ki so idealna kot vhodna vrata, je izdelana z debelejšimi profili, s sredinsko prečko ali brez nje, in omogoča vstavitev stekla ali panelov do debeline 50 mm.

2005 series/serija

The most polyvalent series of Piva doors, for internal and external applications, with or without an intermediate band and the door socket the lower part. The filling can be glazed or paneled. Available a wide range of accessories, for a high level of customization.

Najbolj vsestranska serija med vrati Piva, primerna tako za notranjo kot zunanjo uporabo, s sredinsko prečko ali brez nje ter profilom v spodnjem delu. Kot polnilo je mogoče izbrati steklo ali panel. Na voljo je pester izbor dodatkov, s katerimi je izdelke mogoče prilagoditi željam strank.

2005 series/serija

aluminum tilt & turn window

aluminum tilt & turn window with rolling shutter

aluminijasta okna z nagibnim krilom

aluminijasta okna z nagibnim krilom in roletto

Technical information

Extruded profile in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and / or UNI EN 755-9.

Profile Sides designed mainly for external fitting solutions with the possibility of a frame with internal stop. Seal system with COECOPRENE fin seal on leaf and balloon on the frame. Fin overlap: 6 mm.

Frame depth: 45 mm, leaf depth: 61 mm.

Door glass batting height: 19 mm.

Possibility of glass with variable thicknesses from 4 to 44 mm (simple sheet, cata sheets or glass chamber). Closing system with alloy handle.

Opening system with galvanized steel hardware and die-cast aluminum.

Super-sided pro-sided treatment: anodizing or varnishing with QUALANOD / QUALICOAT quality mark of QUALITAL specialized companies.

Possibility of applying anti-intrusion aluminum bars, roller fly screens and possible Venetian blinds.
possibility of assembly with clips.

Tehnični podatki

Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.

Profili so zasnovani predvsem za rešitve z zunanjim prislonom z možnostjo okvirja z notranjim prislonom.

Sistem tesnjenja s profilnim tesnilom z repkom iz KOEKOPRENA na krilu in cevni tesnilom na okvirju.

Prekrivanje krilc 6 mm.

Globina nepomičnega okvirja 45 mm, globina krila 61 mm.

Višina prislona za steklo na krilu 19 mm.

Možnost vgradnje stekla različnih debelin od 4 do 44 mm (eno ali večplastni panel ali dvoslojno steklo).

Sistem zapiranja kljuko iz zlitine.

Sistem odpiranja z okovjem iz pocinkanega jekla in aluminijeve zlitine.

Površinska obdelava profilov: anodizacija ali barvanje z znamko kakovosti QUALANOD/QUALICOAT specializiranih podjetij QUALITAL.

Možnost namestitve protivlomnih letvic iz aluminija, rolo komarnika in morebitne žaluzije.

Možnost pritrditve s sponkami.

PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

ALUMINIUM TILT & TURN WINDOW - ALUMINIJASTA OKNA Z NAGIBNIM KRILOM

AIR PERMEABILITY class 3 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE EN ISO 10077-1	WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985
--	--	--	--	---

ALUMINIUM TILT & TURN WINDOW WITH ROLLER SHUTTER - ALUMINIJASTA OKNA Z NAGIBNIM KRILOM IN ROLETO

AIR PERMEABILITY class 2 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE EN ISO 10077-1	WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985
--	--	--	--	---



Profiles designed mainly for external overlay solutions, with the possibility of frame with an internal end stop. Option of providing insulation of the inner rolling-shutter box. Hinges covered in black nylon. Option of moving the roller shutter using a built-in winder, winch or electric motor. Option of providing insulation of the inner rolling-shutter box.

Profili so zasnovani predvsem za rešitve z zunanjim prislonom z možnostjo okvirja z notranjim prislonom. Možnost izolacije notranjega ohišja. Spone z najlonsko prevleko črne barve. Možnost pomikanja rolete z vgrajenim navijalnikom, ročko ali električnim motorjem. Možnost izolacije notranjega ohišja.



2005 series/serija

aluminum sliding window

aluminum sliding window with rolling shutter

aluminijasto drsno okno

aluminijasto drsno okno z roletto

Technical information

Extruded profiles in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and/or UNI EN 755-9.

Sealing system with brush seal on the door and sealing of the corners on the frame.

Profile Sides designed mainly for external fitting solutions.

Depth of the frame system: 46 mm.

Shaft depth: 20 mm.

Possibility to insert glass with variable thicknesses from 4 to 14 mm.

Sliding opening system on aluminum tracks with plastic trolleys.

Closing system with black nylon gripper handles or recessed aluminum manhole covers.

Possibility of applying a fix or sliding mosquito net.

possibility of assembly with clips.

Super-sided pro-sided treatment: anodizing or varnishing with QUALANOD / QUALICOAT quality mark by specialized companies certified by QUALITAL.

Possibility of application of external protection bars.

Tehnični podatki

Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.

Sistem tesnjenja s krtačnim tesnilom na krilu in zatesnitvijo vogalov okvirja.

Profili, zasnovani predvsem za rešitve z zunanjim prislonom.

Globina sistema okvirja 46 mm.

Globina krila 20 mm.

Možnost vgradnje stekel različnih debelin od 4 do 14 mm.

Sistem drsnega odpiranja s pomikanjem po aluminijastih vodilih z vozički iz plastične mase.

Sistem zapiranja s kljuko iz najlona črne barve ali vgrajenimi aluminijastimi zapirali.

Možnost vgradnje fiksnega ali pomičnega komarnika.

Možnost pritrditve s sponkami.

Površinska obdelava profilov: anodizacija ali barvanje z znamko kakovosti QUALANOD/QUALICOAT certificiranih specializiranih podjetij QUALITAL.

Možnost namestitve zunanjih zaščitnih letvic.

PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

SLIDING ALUMINIUM WINDOW - ALUMINIJASTO DRSNO OKNO

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 3 according to EN 12207	class 8A according to EN 12208	EN ISO 10077-1	class C4 according to EN 12210	class 0 in conformity to D.M. 14/01/1985

SLIDING ALUMINIUM WINDOW WITH ROLLER SHUTTER - ALUMINIJASTO DRSNO OKNO Z ROLETO

AIR PERMEABILITY	WATER TIGHTNESS	THERMAL PERFORMANCE	WIND RESISTANCE	FIRE REACTION
class 2 according to EN 12207	class 8A according to EN 12208	EN ISO 10077-1	class C4 according to EN 12210	class 0 in conformity to D.M. 14/01/1985



Option of moving the roller shutter using a built-in winder, winch or electric motor.
Option of providing insulation of the inner rolling-shutter box.

Možnost pomikanja rolete z vgrajenim navijalnikom, ročko ali električnim motorjem.
Možnost izolacije notranjega ohišja.

2005 series/serija

aluminum window hopper window

aluminijasta nagibna okna

Technical information

Extruded profiles in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and / or UNI EN 755-9.

Seal system with double COECOPRENE fin seal (both on the frame and on the leaf). Profile mainly designed for external fitting solutions. Depth of the frame / door system: 44 mm.

Door glass batting height: 14 mm.

Fin overlap: 6 mm.

Possibility of glass with thickness from 4 mm to 23 mm (simple sheet, cata or glass chamber).

Opening system with a pair of "compass" hinges in self-balancing type steel; in the case of higher heights, galvanized steel snap arms and hinges in anodized or painted extruded aluminum with galvanized steel pin are used.

Closing system with black nylon ratchet.

Super-sided pro-sided treatment: anodizing or varnishing with QUALANOD/QUALICOAT quality mark by specialized companies certified by QUALITAL.

Possibility of applying anti-intrusion aluminum bars and external external mosquito net. possibility of assembly with clips.

Tehnični podatki

Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.

Sistem tesnjenja z dvojnim tesnilom iz KOEKOPRENA z repom (tako na okvirju kot na krilu).

Profili, zasnovani predvsem za rešitve z zunanjim prislonom.

Globina sistema okvirja/krila 44 mm.

Višina prislona za steklo na krilu 14 mm.

Prekrivanje krilc 6 mm.

Možnost vgradnje stekla debeline od 4 do 23 mm (eno ali večplastni panel ali dvoslojno steklo).

Sistem odpiranja s parom samo-uravnotežnih veznih škarij iz jekla; pri večjih višinah se uporabijo zaskočne roke iz pocinkanega jekla in spona iz anodiziranega ali barvanega ekstrudiranega aluminija z zatičem iz pocinkanega jekla.

Sistem zapiranja z zatikalom iz najlona črne barve.

Površinska obdelava profilov: anodizacija ali barvanje z znamko kakovosti QUALANOD/QUALICOAT certificiranih specializiranih podjetij QUALITAL.

Možnost namestitve aluminijastih protivlomnih letvic in notranjega fiksnega komarnika. Možnost pritrditve s sponkami.



**PERFORMANCE CERTIFICATION ISSUED BY
A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050**

AIR PERMEABILITY class 2 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE EN ISO 10077-1	WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985
--	--	--	--	---

50 series/serija



door with single or double sash with or without clamp
eno ali dvokrilna vrata sredinsko prečko ali brez nje

available in a blind and all-glass version
na voljo polna ali v celoti s steklom

Technical information

Extruded profiles in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and / or UNI EN 755-9.
Sealing system with double balloon seal.
Depth of frame 54 mm.
Shaft depth 54 mm.
overlapping flap 6 mm.
Possibility of glass with variable thicknesses from 4 to 35 mm in the simple plate version, cata layers or glass chamber.
Possibility of inserting panels with a thickness of 35 or 50 mm.
Aluminum hinges with galvanized steel pin.
Locking system in aluminum with 1-point lock with shaped cylinder (a 3-point closure can be installed on request); possibility of applying anti-panic devices or free / busy devices.
Super-sided pro-sided treatment: anodizing or varnishing with QUALANOD / QUALICOAT quality mark by specialized companies certified by QUALITAL.
Possibility of applying anti-intrusion bars, shutter in PVC (or aluminum), internal Venetian blind.

Tehnični podatki

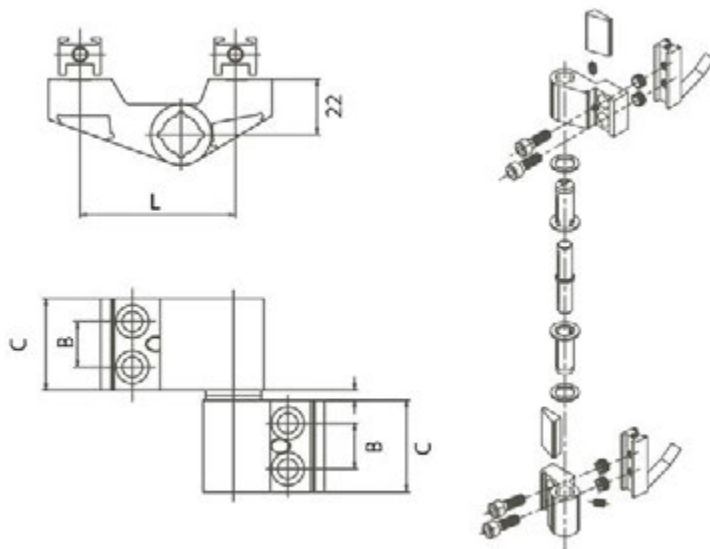
Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.
Sistem tesnjenja z dvojnimi cevni tesnilom.
Globina okvirja 54 mm.
Globina krila 54 mm.
Prekrivanje krilca 6 mm.
Možnost vgradnje stekel različnih debelin od 4 do 35 mm v izvedbi z eno ali večplastnim panelom ali z dvoslojnim steklom.
Možnost vgradnje panelov debeline 35 ali 50 mm.
Spone iz aluminija z zatičem iz pocinkanega jekla.
Sistem zapiranja z aluminijasto kljuko z enotočkovno ključavnico s cilindričnim vložkom (po naročilu je mogoča vgradnja tritočkovne ključavnice); možnost vgradnje antipanic okovja ali mehanizma za prikaz zaklenjenih oziroma odklenjenih vrat.
Površinska obdelava profilov: anodizacija ali barvanje z znamko kakovosti QUALANOD/QUALICOAT certificiranih specializiranih podjetij QUALITAL.
Možnost namestitve protivolmnih letvic, rolete iz PVC (ali aluminija), notranje žaluzije.

PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

AIR PERMEABILITY class 3 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE EN ISO 10077-1	WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985
---	---	--	---	--



Hinge/Spona



2005 series/serija

door with single or double sash with or without clamp
eno ali dvokrilna vrata sredinsko prečko ali brez nje

Technical information

Extruded profiles in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and / or UNI EN 755-9.

Sealing system with COECOPRENE gasket on door and frame. 40/50/60 mm "U" frame or T/Z/L frame to be used without or with subframe for any wall thickness; the T/Z frame has been mainly designed for external fitting.

Depth of the frame 44 mm.

Door depth 44 mm.

Possibility of glasses with thickness from 4 mm to 23 mm (single plate, cata sheets or double glazing); possibility of application of external anti-intrusion bars in aluminum and/or possible internal Venetian blind.

Possibility of inserting panels with thickness from 25 mm to 40 mm; insulation panels made (unless otherwise specifications)

from two pre-painted galvanized steel sheets with interposed polyurethane or high-density polystyrene insulation.

Locking system with black nylon handle; hinges in extruded aluminum, anodized or painted with galvanized steel pin.

Tehnični podatki

Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.

Sistem tesnjenja z ekstrudiranim tesnilom iz KOECOPRENA na krilu in okvirju.

Okvir v obliki »U« 40/50/60 mm ali »T/Z/L« za uporabo s slepim okvirjem ali brez slednjega pri vseh debelinah zidu; okvir v obliki »T/Z« je bil v osnovi zasnovan za izvedbe z zunanjim prislonom.

Globina okvirja 44 mm.

Globina krila 44 mm.

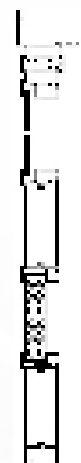
Možnost vgradnje stekla debeline 4 mm do 23 mm (enojni ali večslojni panel ali dvoslojno steklo).

Možnost namestitve zunanjih protivlomnih letvic iz aluminija in/ali morebitne notranje žaluzije.

Možnost vgradnje panelov debeline 25 mm do 40 mm.

Izolacijski paneli, izdelani iz dveh pločevinastih plošč iz predlakiranega pocinkanega jekla z vmesno izolacijo iz poliuretana ali polistirena visoke gostote (razen v primeru drugečnega dogovora).

Sistem zapiranja s kljuko iz najlona črne barve; spona iz anodiziranega ali barvanega ekstrudiranega aluminija z zatičem iz pocinkanega jekla.



PERFORMANCE CERTIFICATION ISSUED BY
A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

AIR PERMEABILITY class 1 according to EN 12207	WATER TIGHTNESS class 8A according to EN 12208	THERMAL PERFORMANCE calculated according to EN ISO 10077-1
WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985	

2005 series/serija

blind door injected slepa vrata z vbrizgano peno



Technical information

Extruded profiles in 6060 aluminum alloy (EN 573-3), with T5 supply status (EN 515) and tolerances on dimensions and thickness according to UNI EN 12020.2 and/or UNI EN 755-9.

Sealing system with COECOPRENE gasket on door and frame.

Overlapping flap 6 mm.

Frame depth 44 mm; 40/50/60 mm "U" frame or T/Z/L frame to be used without or with subframe for any wall thickness;

the T / Z frame has been mainly designed for external fitting.

Door depth 45 mm; made from an aluminum perimeter profile that supports two pre-painted galvanized sheets flattened with interposed polyurethane foam (injected after assembling the door).

Locking system with handle in black nylon and installation of a lock with 1 closing point with shaped cylinder: it is possible the alternative application of a free/occupied device or a key lock type PATENT.

Hinges in extruded aluminum, anodised or painted with galvanized steel pin.

Tehnični podatki

Ekstrudirani profili iz aluminijeve zlitine 6060 (EN 573-3) s stanjem T5 (EN 515) ter tolerancami mer in debeline v skladu s standardom UNI EN 12020-2 in/ali UNI EN 755-9.

Sistem tesnjenja z ekstrudiranim tesnilom iz KOECOPRENA na krilu in okvirju.

Prekrivanje krilca 6 mm.

Globina okvirja 44 mm.

Okvir v obliki »U« 40/50/60 mm ali »T/Z/L« za uporabo s slepim okvirjem ali brez slednjega pri vseh debelinah zidu, okvir v obliki »T/Z« je bil v osnovi zasnovan za izvedbe z zunanjim prislonom.

Globina krila 45 mm. Krilo je izdelano iz obodnega aluminijastega profila, ki podpira dve predlakirani pocinkani ravni pločevinasti plošči z vmesnim slojem poliuretanske pene (ki se vbrizga po montaži krila).

Sistem zapiranja s kljuko iz najlona črne barve in enotočkovna ključavnica s cilindričnim vložkom: namesto tega je mogoča vgradnja mehanizma za prikaz zaklenjenih oziroma odklenjenih vrat ali ključavnice tipa PATENT.

Spone iz anodiziranega ali barvanega ekstrudiranega aluminija z zatičem iz pocinkanega jekla.



PERFORMANCE CERTIFICATION ISSUED BY A NOTIFIED EUROPEAN CERTIFICATION ORG. Nr 050

AIR PERMEABILITY class 1 according to EN 12207	WATER TIGHTNESS class 4A according to EN 12208	THERMAL PERFORMANCE calculated according to EN ISO 10077-1
WIND RESISTANCE class C4 according to EN 12210	FIRE REACTION class 0 in conformity to D.M. 14/01/1985	





Piva Group prints on eco-friendly paper
Piva Group uporablja za tiskanje okolju prijazen papir



Piva Group SpA
Via Roma 139 Roncanova di Gazzo V.se .
Verona . Italia . +39 0442 550911
info@pivagroupspa.com . www.pivagroupspa.com



Meltal IS d.o.o.
Gospodsvetska cesta 84 . 2000 Maribor . Slovenija
info@meltal.si . www.metrapan.si . www.meltal.si