

ADLO[®]

SECURITY DOORS



SECURITY DOORS
TERMO DOORS | WINDOWS SECURITY
SECURE CELLARS | BARS

www.adlo-securitydoors.com

COMPANY INFORMATION

- **Structural excellence** - the safest door on the market
- **Technological precision** - dimensions according to your wishes
- **Manual labour** - original surface design only for your door
- **One company for everything** - production, sale, installation - all under one roof
- **Transport** - shipment and installation anywhere in Europe



• We sell



• We produce



• We exhibit



• Our life

• We install



• We transport



• References



Martin Eichholzer, Zürich
VSI - Zentrum für Sicherheitsberatung (Security Consulting Centre)

When we discuss any door, we talk about a good stable frame in the first place. This door has so many security points it is they are practically unbreakable by a human. And lastly, it has a genial construction, reliable mechanics, and nice design.

Certificates

certification for the whole EU compliant with EN 14351-2006 for categories Economy and Elite



CERTIFICATE ISO 9001 : 2009
Guaranteed quality system according to the norm STN EN ISO 9001 : 2009 for development, production, sale, installation, and service of doors and doorframes ADLO, valid for the whole Slovakia and the Czech Republic

SECURITY
Tested and compliant with the norm 1627 in security classes 1, 2, 3, 4 for both door sides and in security class 5 for inward opening doors

SECURITY FOR DOUBLE-WING DOOR
Tested and compliant with EU norm EN 1627 in security class 2 and 3

FIRE PROTECTION I.
Tested and compliant with the norm 1634-D3 for category Economy and Elite for both door sides

FIRE PROTECTION II.
Tested and compliant with the norm 1634-D3 for category Economy (non-flammable door surface, for both door sides)

SMOKEPROOF
Tested and compliant - Sm with the EU norm 1634-3 for both door sides (on demand)

BULLET-PROOF I. and II.
Tested and compliant with the norm EN 1522 in class FB1 for security door category Elite and in class FB4s for security door W-MAX

Certificates

CERTIFICATION in SK
Parameter declaration according to Act No. 133/2003 on Construction Items

CERTIFICATION in CZ
Certified according to the government decree; Act No. 163/2002 Coll.

CERTIFICATION in AU
Certified in Österreichisches Normungsinstitut according to the norm ÖNORM B 5338 for security class 3

CERTIFICATION in SW
Certified by VKF Zürich AUA1 24168 according to the EN 1534-1EI30 for security class 4

CERTIFICATION in DE
Certified for security at the German market according to a norm DIN for security class 3

LICENCE
Operation of technical service No. PT 000548 was issued by the Regional Headquarters of Police Corps

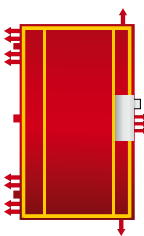


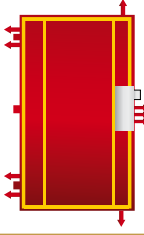


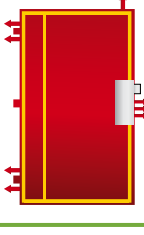


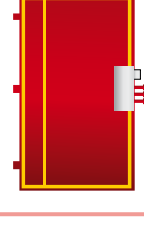


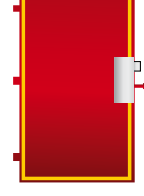


LICENCE
entitling to provide technical services for protection of property and persons

SOUND INSULATION
Declared in results with the index of soundproof air: Rw=33dB; Rw= 39dB; Rw= 40dB; Rw= 42dB

HEAT INSULATION
Confirmed for extremely hot conditions and for outward walls, door wing U=0,9 W/m2K (Termo door), U=0,6 W/m2K (Termo triple-pane glass)

Door Construction	Door Type	Safe Mechanism	Security class according to the EN 1627	Number of security points	Fire resistance according to EN 13501	Sound insulation	Description
ADLO BD 300 W		W-MAX WARRANTY FOR SAFE MECHANISM 17 years	SAFE-TYPE PROTECTION 5 INWARDS OPENABLE	SECURED IN 36 POINTS	N/A	N/A	Unique unbreakable model of security door with the highest security according to EN 1627. Used for protection of safe and ammunition spaces. Door with limited options to open.
ADLO BD 200 ZX		ZENEX WARRANTY FOR SAFE MECHANISM 15 years	VERY HIGH PROTECTION 4+ OUTWARDS - INWARDS OPENABLE	SECURED IN 34 POINTS		 39dB on demand 33dB and 42dB	Top security for the most demanding. Door that thanks to its highly developed construction and placement of security points offers state-of-the-art quality in its class.
ADLO BD 200 Z		ZENIT WARRANTY FOR SAFE MECHANISM 15 years	VERY HIGH PROTECTION 4 OUTWARDS - INWARDS OPENABLE	SECURED IN 26 POINTS		 39dB on demand 33dB and 42dB	Very high security. Favourite model for customers demanding high security, comfort, and reliability. Multiple strong inner reinforcements complete the construction.
ADLO BD 200 A		ARDEN WARRANTY FOR SAFE MECHANISM 13 years	HIGH PROTECTION 3+ OUTWARDS - INWARDS OPENABLE	SECURED IN 24 POINTS		 39dB on demand 33dB and 42dB	Durable door above security class 3. Type of security door with high protective characteristics and 6 security points on the side of the main lock, which are a free supplement in this category.
ADLO BD 200 A2		ADUO WARRANTY FOR SAFE MECHANISM 11 years	HIGH PROTECTION 3+ OUTWARDS - INWARDS OPENABLE	SECURED IN 19 POINTS		 39dB on demand 33dB and 42dB	The best-selling door. Model of security door with 19 robust security points that are ingeniously placed in all critical places. The door has a good quality locking mechanism and the longest warranty in its class.
ADLO BD 200 T2		TEDUO WARRANTY FOR SAFE MECHANISM 9 years	HIGH PROTECTION 3 OUTWARDS - INWARDS OPENABLE	SECURED IN 15 POINTS		 39dB on demand 33dB and 42dB	Very popular door with the deadbolt into the floor. Comfortable type of security door with the original deadbolt and 9-year warranty for the safe locking mechanism.
ADLO BD 200 TM4		TEJEN WARRANTY FOR SAFE MECHANISM 9 years	HIGH PROTECTION 3 OUTWARDS - INWARDS OPENABLE	SECURED IN 11 POINTS		 39dB on demand 33dB and 42dB	Security door with high protection without a deadbolt. This door is desirable especially in rooms with floor heating, unknown electrical lines and other floor media. Security points are located on three door sides.
ADLO BD 200 T		TESIM WARRANTY FOR SAFE MECHANISM 7 years	BASIC PROTECTION 2+ OUTWARDS - INWARDS OPENABLE	SECURED IN 10 POINTS		 39dB on demand 33dB and 42dB	Basic model of security door in Elite category. The door highly exceeds security requirements in basic level with its exceptional 7-year warranty on safe locking mechanism.

SECURITY DOORS CATEGORY ECONOMY D3

Door Construction	Door Type	Safe Mechanism	Security class according to the EN 1627	Number of security points	Fire resistance according to EN 13501	Sound insulation	Description
ADLO BD 100 LB+			HIGH PROTECTION 3 INWARDS OPENABLE	SECURED IN 13 POINTS	 E30	39dB on demand 33dB and 42dB	Security door LISBEO with protection Plus. The safest door from category Economy with 13 security points. It has also double security points on the hinge door side.
ADLO BD 100 LB			HIGH PROTECTION 3 INWARDS OPENABLE	SECURED IN 9 POINTS	 E30	39dB on demand 33dB and 42dB	Security door with high protection and deadbolt into the floor. Bestselling type of security door from category Economy with ingenious placement of 9 security points. High security protection with a good value for price.
ADLO BD 100 KM			BASIC PROTECTION 2 OUTWARDS - INWARDS OPENABLE	SECURED IN 8 POINTS	 E30	39dB on demand 33dB and 42dB	Security door with a basic level of protection. Security door model that offers basic protection with a 3-year warranty for the lock.
ADLO BD 100 JB			SIMPLE PROTECTION 1 OUTWARDS - INWARDS OPENABLE	SECURED IN 3 POINTS	 E30	39dB on demand 33dB and 42dB	Simple security door. Plain door construction with 3 security points. This is the minimal way of protection for your property.
ADLO BD 100 I			N/A	SECURED IN 1 POINTS	 E30	39dB on demand 33dB and 42dB	Simple steel door. The cheapest model of simple steel door with 1 security point and without a security certificate.

SECURITY DOORS CATEGORY ECONOMY D1

Door characteristics in CATEGORY ECONOMY D1

- Doors of category Economy D1 are a cheaper alternative to doors of category Economy D3
- Only fireproof materials compliant with the norm STN 1634 are used in the less complicated construction of doors D1 (D3 has also flammable materials)
- In spite of less complicated construction of the door in Economy D1, the same choice for security applies as for doors in Economy D3
- These doors are intended for use in the interior or in the exterior with surfaces AQUA Colour or Zinc
- Insulation is present also in the half-groove of each door wing
- Simple adjustable door hinges serve as a fireproof seal
- All-steel construction of category Economy D1 fulfills stricter requirements for inflammable surface and allows to shorten the door height
- Surface treatment Lampre foil D1
- Higher sound insulation of 42 dB for the door already in the basic model
- Sound insulation of 40dB on demand and with price reduction
- No sound insulation possible on demand and with price reduction
- Fireproof door treatment up to EI60/EW 60 on demand



Horizontal cut of  ECONOMY D1 door with fireproof treatment

Horizontal cut of  ECONOMY D1 door without fireproof treatment

Door surfaces CATEGORY ECONOMY D1 Lampre foil D1 – 11 surfaces

A633A	DL 01E	DL 68	DL 86
DL 84	DL 83	DL 13	DL 73
DL 05	DL 42	DL 36CE	

Colour – coat of baked powder-varnish colour



• Matt or glossy in whole RAL scale

Colours in print may not reflect the true colours.
The list of current surfaces and finishes available also for download are at www.adlo-securitydoors.com

DOOR SECURITY

Door construction CATEGORY **ELITE**

- Double-steel plate covers the whole surface of the door; it is welded and simultaneously glued under high pressure
- Double-steel frame with many steel reinforcements
- Steel plates are spot-welded to the reinforcements

Door construction CATEGORY **ECONOMY**

- Double-steel plate covers the whole surface of the door; it is welded and simultaneously glued under high pressure
- Simple steel frame



Horizontal cut CATEGORY **ELITE**

Horizontal cut CATEGORY **ECONOMY**

Door locking

- Door locking mechanism consists of safe-style or security multilock
- Mechanism is protected by steel plates and by multiple security reinforcements
- It is sufficiently robust, highly secure, and absolutely reliable
- It is the "heart" of the door with a prolonged warranty
- ADLO secure multilocks with 1 or 3 points strongly enhance the door's security



Safe-style multilock
ADLO RESIST MT

CATEGORY **ELITE**



Additional multilock
ADLO RESIST Mono



Additional multilock
ADLO RESIST Xtrio

CATEGORY **ELITE**



Security multilock
ADLO RESIST BN

CATEGORY **ECONOMY**



Original ADLO deadbolt into the floor

- it is the most sturdy security point
- it secures impassability during the efforts to break the door open
- it guarantees high stability in all types of floors



Socket for the deadbolt
into the floor

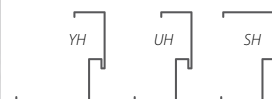
Doorframe construction

- Security profile of ADLO doorframe and multiple integrated reinforcements in the locking places prevent its breakage and arching
- New ADLO security doorframe guarantees higher security than the original doorframe
- Security door hinges are securely welded to the doorframe construction



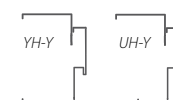
Doorframe profile

- Standard 3 profile shapes for the doorframe: YH, UH, SH
- Profile depth is 9, 10, 12, 15, 17, 18, 20 cm
- Atypical profile dimensions and depth of the profile available on demand



Covering doorframe

- Security ADLO doorframe in covering option, for better coverage of the construction hole
- This type of doorframe can be installed also into a plaster wall



Doorframe anchoring

- Due to security anchors welded into the wall and sealed in ferroconcrete, it is impossible to pry it out



Multiple reinforcements of the doorframe

- Multiple inner reinforcements are in the area of security points
- Prevention of breaking and arching of the doorframe
- Depth of reinforcements up to 7.5 mm



Half-groove ADLO sealing for doors of CATEGORY **ELITE**

- ADLO half-groove sealing completely prevents noise, heat escape, and odor passage
- Better quality than the regular sealing
- Simple and easy installation, also with do-it-yourself option

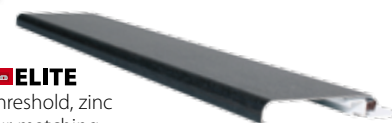


Glued silicone sealing for doors of CATEGORY **ECONOMY**

- Glued silicone sealing prevents noise, heat escape, and odor passage

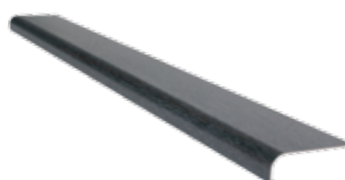
Security ADLO threshold for doors of CATEGORY **ELITE**

- All-metal security ADLO threshold, zinc finish on both sides, colour matching with the door or the doorframe
- Half-groove exchangeable sealing is a part of the doorframe



Metal threshold for doors of CATEGORY **ECONOMY**

- Metal ADLO threshold, zinc finish on both sides, colour matching with the door or the doorframe
- Silicone sealing along the threshold



SECURITY FITTINGS

- Security hardware serves for door manipulation during its opening and closing
- It is also intended to protect the cylinder and the locking mechanism of the door
- Fittings can be covered, semi-covered, open or code-secured

Types of fittings on the outside:



Surface finishes for Rostex fittings:



Examples of security fittings Rostex R1 and R4:



Examples of other security fittings:

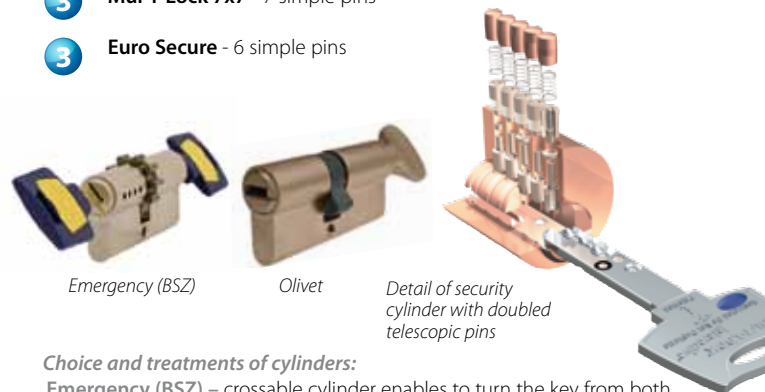


SECURITY CYLINDERS

- Security cylinder serves for locking and unlocking the safe-style or simple locking mechanism by using a key



- 4+** KABA expert - protected ADLO profile, 22 pins in 4 rows
- 4+** KABA maTrix - protected ADLO profile, 16 pins in 3 rows
- 4+** Mul-T-Lock Interactive - protected ADLO profile, 10 telescopic pins, active pin
- 4** Mul-T-Lock Classic - ADLO profile, 10 telescopic pins
- 3+** Tokoz ADLO PRO 300 - 8 disc pins, cylinder protection
- 3** Mul-T-Lock 7x7 - 7 simple pins
- 3** Euro Secure - 6 simple pins



Choice and treatments of cylinders:

- Emergency (BSZ)** – crossable cylinder enables to turn the key from both sides simultaneously (even if there is a key inserted from the other side)
- Olivet** on the inner cylinder side – stable key replacement
- New code programming** for the cylinder when a key is lost
- One key system** with all cylinders functioning on one key
- General and main SGHK key system**

DOOR ACCESSORIES



ADLO security door guard

- It is a safe and quality replacement of classic door chains
- Simple manipulation by turn of a knob
- It resist incredible pressure of 1 tonne
- Only with the new ADLO doorframe
- Only for door of CATEGORY **ELITE**



ADLO security door chain

- Option to install in the new but also in the original steel doorframe

DOOR DESIGN

Combination table

	PLAIN	SLAT	PROFILE	PANEL	GLASS	VENEER FIGURA
Interior design						
Lamino	✓	✓			✓	
Lampre foil D1	✓					
Geta	✓	✓			✓	
Colour interior	✓	✓	✓	✓	✓	
Natural veneer	✓	✓	✓		✓	✓
Natural massive			✓			
Exterior design						
Geta exterior	✓	✓			✓	
Colour exterior	✓	✓	✓		✓	
Natural veneer			✓			

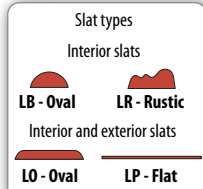
Half-groove of the door

- Surface finish is included also in the half-groove on the door side



SLAT DOOR DESIGN

It is created by bonding the decorative slats onto the plain door surface. Slats make 3-dimensional patterns on the door.



Door with atypical slat design LO

PLAIN DOOR DESIGN

Basic flat and plain door surface.

Lamino – 40 surfaces

WHITE BIE 888	WHITE BIE 113	H980	GREY ŠED 014	PINIE PIN 475	H1424	BIRCH BRE 387
PINE BOR 313	H1277	H1298	MAPLE JAV 380	NATURAL BNT 506	H1502	H1582
BEECH FIGURAL BF 344	H1372	OAK DUB 308	OAK NOMA DNO 517	BEECH HIDDENSE BHD 524	H1145	OAK SONIC DSO 522
OAK RUSTIC DR 354	MAPLE ADRIA JAD 398	INDIAN EBONY INE 470	H3389	DARK NUT OTM 505	ORA 448	ALDER JEL 352
CHERRY LIGHT ČSV 502	CHERRY ČER 358	CHERRY NASHVILLE ČNA 504	ČYO 507	CHERRY SIENNA ČSN 382	SNA 474	H3734
H1151	H1215	DARK CHESTNUT GTM 444	RIGOLETTO RIG 472	ROYAL MAPLE JKR 450	WENGE WNG 441	ČIE 015

Geta - 20 surfaces

GETA 242	GETA 220	SPRELA 837	SPRELA 810	GETA 135	GETA 972	GETA 731
GETA 073	GETA 793	SPRELA 0562	GETA 339	GETA 656	GETA 730	GETA 173
GETA 773	GETA 781	GETA 603	GETA 715	GETA 711	GETA 402	

- High quality Geta foil is pressed on Polywood
- Fine wooden texture also for the exterior

Natural lacquered veneer

OAK M023	OAK M113	OAK M117	Other veneer material	Other veneer prime saturation	• Natural veneer protected by multiple varnish
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Wet process for colour



- Multi-component polyurethane colour glossy, half-matt, whole RAL scale
- Colours in print may not reflect the true colours.
- The list of current surfaces and finishes available also for download are at www.adlo-securitydoors.com

Slat types and surface finishes

Interior slats

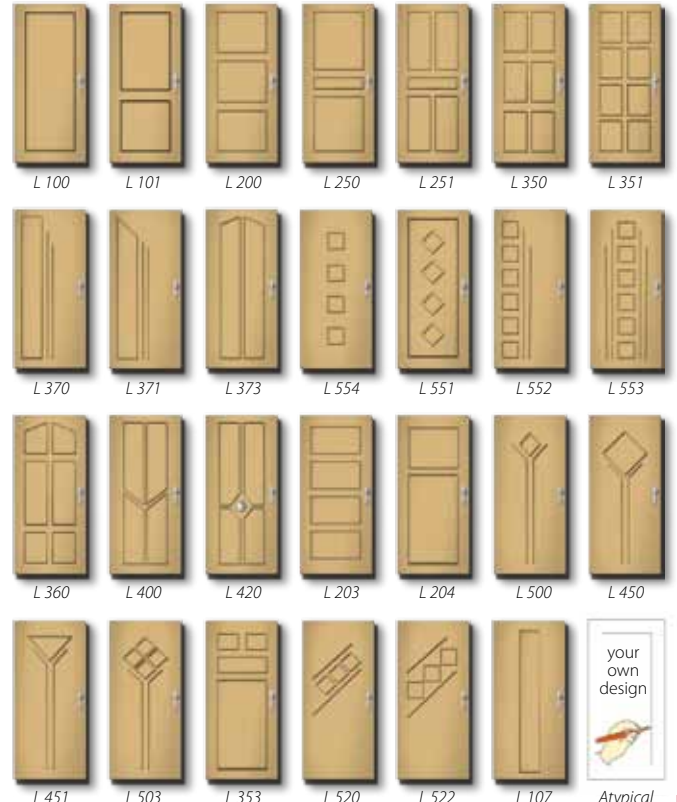
- LB oval slat – surface finish Lamino MDF, Geta foil, Colour
- LR rustic slat – surface finish Lamino MDF, Colour
- LO oval slat - surface finish Geta foil, Colour
- LP flat slat – surface finish Colour, Anticorro

Exterior slats

- LO oval slat – surface finish Geta foil, Colour
- LP flat slat – surface finish Colour, Anticorro

Example of different slat designs

more shapes at www.adlo-securitydoors.com



your own design

Atypical 13

PROFILE DOOR DESIGN



This design is created by milling grooves into the plain door surface. Profile grooves are below the surface level.



Colour



Natural varnished veneer



Natural massive

Door with a profile design (on demand)

Profile Colour

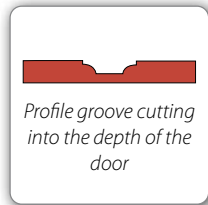
- Multi-component polyurethane colour glossy, semi-matt
- Whole RAL scale

Profile Natural varnished veneer

- Natural veneer, protected by multiple varnish layers
- Real wood grain on the whole surface

Profile Natural massive

- Natural wood
- Excellent natural structure of massive wood in the profile depth



Profile groove cutting into the depth of the door

PANEL DOOR DESIGN

A replica of a historical door design.



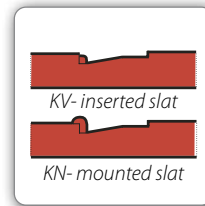
KV-1



KV-1



KN-2



KV-inserted slat

KN-mounted slat

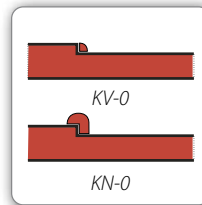


Double-wing door with panel design k 203 (KV-2)

Panel Colour

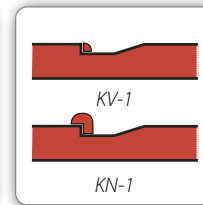
- Classic slat styles for preserving the classical style
- It is used especially to replicate historical doors
- Multi-component polyurethane colour glossy, semi-matt
- Whole RAL scale

Panel layers



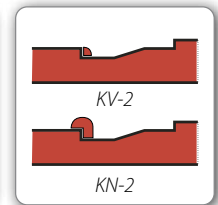
KV-0

KN-0



KV-1

KN-1



KV-2

KN-2

Examples of panel designs - more shapes at www.adlo-securitydoors.com



F 100 F 101 F 200 F 250 F 251 F 350 F 351



F 321 F 370 F 371 F 360 F 156 F 155 F 373



F 154 F 152 F 150 F 300 F 151 F 153 F 551



F 451 F 453 F 552 F 553 F 203 F 522 Atypical



K 100 K 101 K 200 K 250 K 251 K 252 K 350

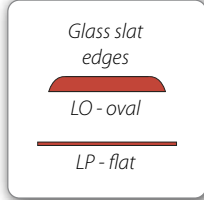


K 351 K 203 K 253 K 254 K 255 K 204 K 353



K 258 K 260 K 261 K 262 K 259 K 157 Atypical

A unique combination of bringing light to the interior alongside excellent thermal insulation and a high level of security. Design suitable especially for the exterior TERMO door. Glass anchoring is certified and tested.

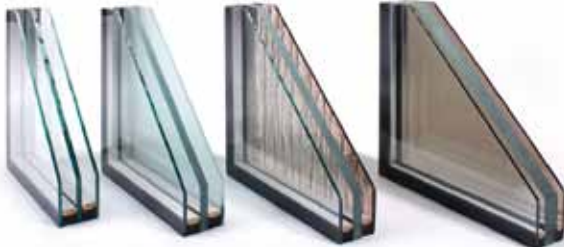


Door with glass design P552 (LP Anticoro)

Armor glass

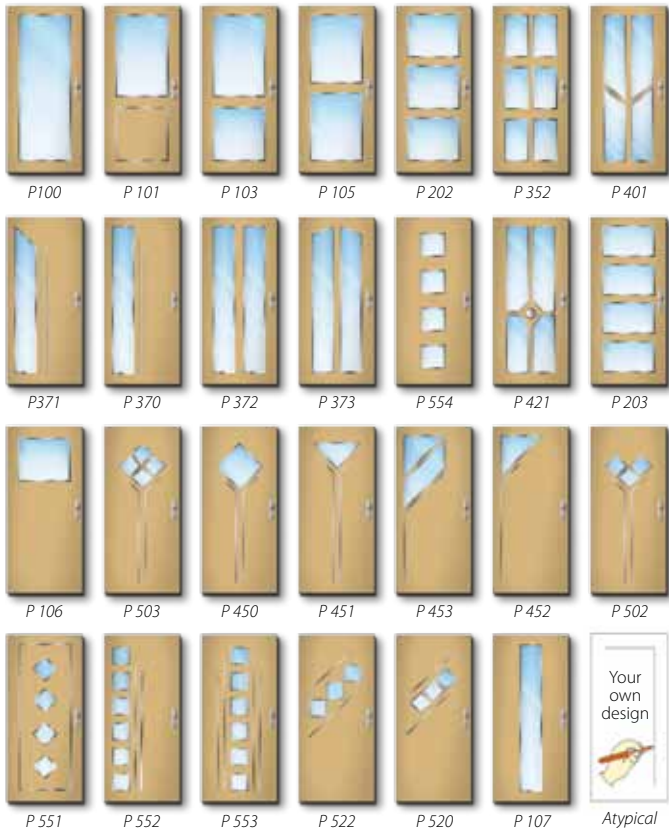
- Insulating TERMO triple-pane glass with heat transfer coefficient of $U=0,6$ W
- Medium armor safe glass with breakage resistance depending on its security class
- Special anchoring with high security and protection against glass separation
- Option of different glass design on both sides

Diagonal cut of armor glass in TERMO triple-pane finish



- 1 Connex (6mm)
- 2 Multisec P4A (8mm) SC-2
- 3 Multisec P5A (10mm) SC-3
- 4 Multisec P6B (18mm) SC-4

Examples of glass design - more shapes at www.adlo-securitydoors.com



A skylight brings these features:

- it enables the light to enter the space behind the door and makes it brighter
- it completes the door unit aesthetically
- it closes up the construction hole

A unique modular concept enables to create unlimited number of combinations and shapes with the door.

Diverse and wide selection of designs, colourful finishes, and skylight shapes.

Skylight dimensions fit the construction hole.

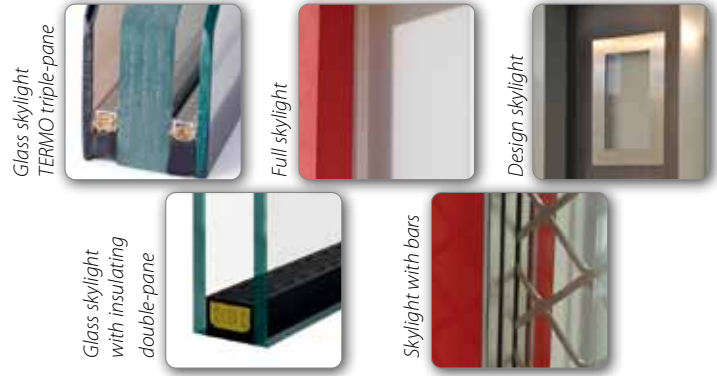
TERMO insulating qualities with heat transfer coefficient up to $U=0,6$ W.

Armor glass is certified and tested in the same way as in regular glass design option.



Door with a side and upper skylight S-D22

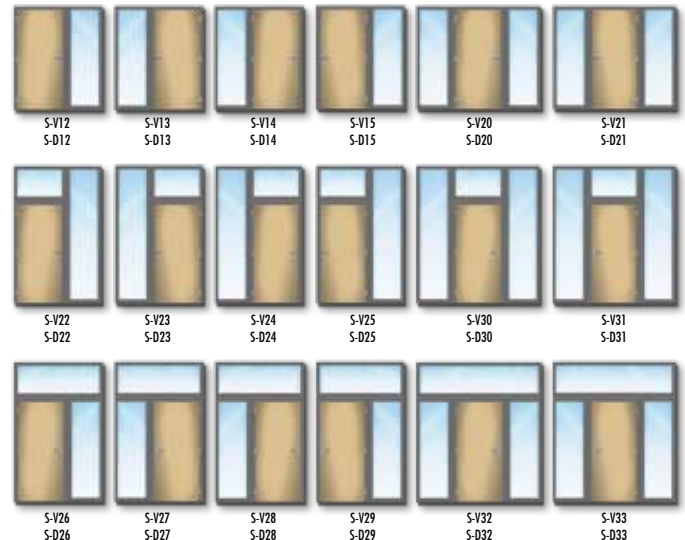
Skylight types



Design and colour of glass

CLEAR GLASS	CLEAR DELTA	OAK BARK CLEAR	OAK BARK BRONZE	GREPI	CHINCHILA CLEAR	CHINCHILA BRONZE
OUTRIX	SILVIT CLEAR	SILVIT BRONZE	STOPSOL BRONZE	STOPSOL BLUE	PATTERNED	MATELUX

Skylight options - view from the hinge side



DOOR DESIGN NOBLESSE

TWO-WING DOOR



Door NOBLESSE, Dalia 004

Glass door Noblesse

- Harmony, beauty, noblesse
- Everything to make your life safer and more beautiful
- Glass door with luxurious stainless steel accessories



More information in catalogue ADLO Noblesse



Manipulation mechanism of the fixed wing ADLO RESIST ZPK



Two-wing door with a profile design

- Security two-wing door
- All designs and finishes available
- Maximal measurements of 210cm/250cm + door frame

DOOR DESIGN VENEER FIGURA



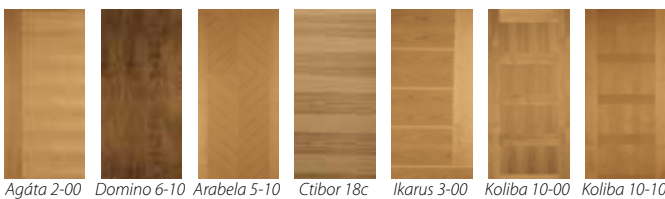
Door with Veneer Figura design – Ctibor 18C



Natural varnished veneer

- Natural plain varnished Veneer, combined into various shapes and patterns
- Veneer compositions create a pattern

Examples of Figura designs



Agata 2-00 Domino 6-10 Arabela 5-10 Ctibor 18c Ikarus 3-00 Koliba 10-00 Koliba 10-10



Nadin 17-00 Zora 9-00

Veneer Flader

Wood is divided in diagonal cut across the tree trunk, tree rings are not parallel and they are further apart



Veneer Radial

Wood is divided along the tree perimeter, tree rings are almost parallel and close to each other



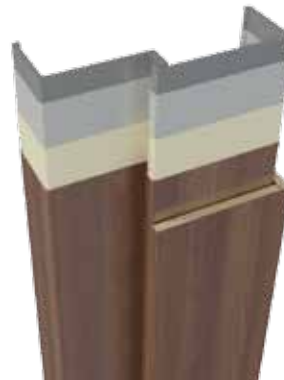
DOORFRAME DESIGN

Detail of the security doorframe

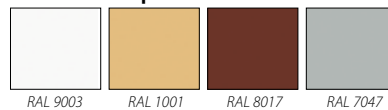
- Steel profile
- Electrolytic zinc treatment on both sides guarantees anticorrosive capability
- Phosphating enables enhanced durability of the final surface finish
- Powder-varnished and baked surface guarantees much higher quality and life, exclusive protection and appearance

Surface finishes of the doorframe

- Zinc finish
- Powder-lacquered baked RAL
- Varnish by special ADLO technology Wooden Decor
- Sprayed by Colour in wet RAL process
- Facing of ADLO doorframe for the outside of the door: Lamino MDF, Vener, Massive
- Facing of ADLO doorframe for the inside of the door: Geta foil



Powder-lacquered baked colour



- Standard doorframe colours in matt or glossy finish



- Exclusive doorframe colours come in the whole RAL scale in matt or glossy finish

WOODEN DÉCOR



DD Maple DD Pinia DD Pine Light DD Cedar DD Sonic DD Oak DD Rustica

DD Adria DD Siena DD Nut DD Chestnut DD Rigoletto DD Wenge

- Every WOODEN DECOR doorframe is an artistic original in wooden structure simulated by powder-lacquered baked colour

Different look of the doorframe from the inside-outside

Doorframe facing



Two-colour doorframe

DOOR AND DOORFRAME FINISH TERMO

SIZING, PRODUCTION, INSTALLATION, SERVICE...

Suitable also for low-energy cost buildings



Door NOBLESSE Gloria 004

- Triple thermal insulation by system TERMO
- Regular insulation in the door wing is supplemented by further special insulation plates on the whole surface of the door
- It completely separates two steel layers and therefore creates a perfect obstacle for the heat bridge
- Surface finish of the door is suitable for the exterior
- Door hinges are screwed and adjustable

Insulating qualities of door TERMO

- TERMO door can due to its unique construction, inner insulation and thermo-insulating qualities interrupt the heat bridge perfectly
- It prevents frost or dew on the door wing from the inside (by max. volume of humidity 50% according to STN 730540)
- It lowers the heat escape to a minimum and thus creates a cozy environment inside your home during winter
- Heat transfer coefficient of ADLO TERMO door equals $U=0.92$

Insulating qualities of doorframe TERMO

- TERMO doorframe can due to its unique construction, inner insulation and thermo-insulating qualities interrupt the heat bridge perfectly
- It prevents air condensation on the inside of the doorframe (by max. volume of humidity 50% according to STN 730540)
- It prevents rain water leakage and infiltration
- Zinc finish of the doorframe guarantees resistance against corrosion
- Heat transfer coefficient of ADLO TERMO door equals $U=1,0$

Detail of TERMO door wing



Double insulation TERMO



ADLO half-groove insulation in the corner of TERMO door wing



ADLO half-groove insulation in TERMO doorframe



Double insulation on the bottom part of the door

TERMO threshold

- Thermal insulation reliably separates the outer and inner part of the threshold
- Stainless steel threshold slat under the door wing
- Slat shape prevents water leaks



Professional and technical sizing

- Free technical estimates and consultation at the installation site
- Technical measuring of required dimensions for the construction hole, doorframe and the door
- Selection of designs and finishes
- Specification and closing of the order

Production

- Custom production for individual customer
- Any atypical dimensions from the min. 35/70 cm to max. dimensions of 105/250 cm for one door wing available (210/250 cm for two-wing door)
- Accuracy, quality, professional and speedy production
- Custom production concentrated on quality of the final product



Dismounting

- Original doorframe dismounting
- Preparation of the construction hole for an easy and professional installation
- Wall treatment and site preparation for the door and doorframe installation

Installation of the doorframe and the door

- Anchoring of the doorframe into the wall
- Preparation and welding of the doorframe
- Doorframe is fixed by pouring a mixture of concrete
- Setting and adjustment of the door wing
- Installation of the threshold and insulation
- Complete installation in ca. 5 hours in one day



Installation of door accessories and hardware

- Installation and adjustment of door accessories
- Viewer installation in the customer required height
- Opening of the sealed box with the cylinder and keys during your presence

Product delivery

- Testing the door's and its accessories functionality
- Presenting the door operation, locking and unlocking
- Delivering the door operation manual, the keys and security card to the customer



Warranty and after-warranty ADLO service

- We offer emergency NON-STOP service for ADLO products
- After the expiration of warranty, we offer after-warranty service for ADLO doors

Additional ADLO services

- Opening of accidentally closed/locked ADLO door
- Production of replacement security keys
- New coding of the cylinder in case of a key loss
- Sale and service of security cylinders
- Door height adjustment (cutting it shorter)
- Additional door surface replacement



Every order is individual and therefore we reserve the right to alter the processes depending on the type of order, on the difficulty and mode of installation.

SECURITY WINDOWS

...WE TURN COMMON WINDOWS INTO SECURITY...

Employing multiple security elements and their combination secure the original window and create an obstacle during possible forced break-in.

Security locking mechanism of the window – it resists mechanical and physical effort to break the frame and the locking part of the window

Locking handle – it prevents unlocking and opening of the window without the key

Secured hinges – protects the window and window frame against taking the window off the hinges; valid for regular and hopper windows

Glass secured with a security foil – protects the glass surface against its mechanical or physical breakage

Every window is made secure on custom order for an individual customer, exactly according to his wishes, requirements and availability of options.

Details of security at windows



Upper notch



Locking window mechanism (UMO)



Lower notch



Locking handle



Hinges securing

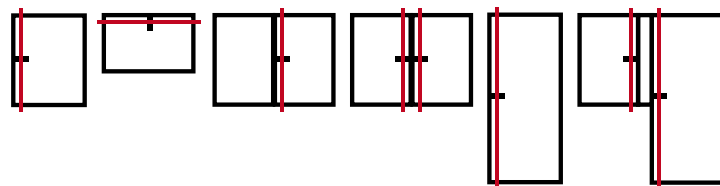


Locking window mechanism (UMO)

- Certified and proofed resistance against break-in according to ENV 1627 up to the 3rd security class - "High Protection"
- Resistant to load up to 600kg and to crowbar in length up to 75 cm
- Automatic locking at every window closing
- Robust locking bolts from high quality steel
- Custom production /from 40 cm up to 250 cm height or width of the sash/



Part options



Surface finish - Powder-lacquered baked colour



- Standard colours come in matt or glossy finish



- Custom colours are available in the whole RAL scale as matt or glossy

Surface finish - Geta foil - 20 surfaces



Locking handle



- simple push of cylinder will lock the handle
- only a key will unlock the handle
- option of multiple cylinders present in one key

Hinges securing



Hinges securing for regular windows



FAS97



FAS101

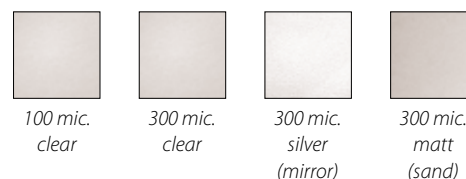
Hinges securing for hopper windows

Security foil

- High security foils with depth of 100 and 300 microns
- Foil resistance certified in accordance with STN EN 356, class P2A
- 100 micron foil impact resistance – 7.896 kg / 1cm²
- 300 micron foil impact resistance – 23.687 kg / 1cm²
- UV protection from 96% - 99%
- Professional installation of the foil, gluing under the window slats



Gluing under the window slats



Installation of window securing

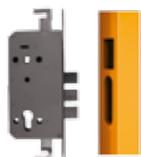
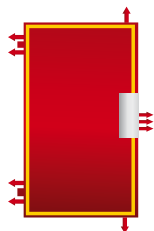
Experienced ADLO technicians with many years of service provide the installation of the safety elements for the windows.



SECURE CELLARS

Secure cellars for apartment houses is a special ADLO solution that replaces the original wooden cellar cubicles.

Door construction for the secure cellar	Security mechanism	Number of security points
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SECURED IN



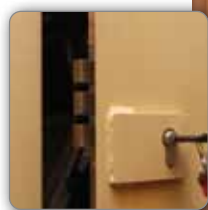
Details of finished product - secure cellar



Ceiling anchoring



Upper locking point



Integrated security fitting with half-cylinder



Complementary part of the lower locking



Floor anchoring



Lower locking point



Complementary part of the main locking

Security and construction

Walls and the door of the secure apartment cellar are made of steel plates, specially anchored into the steel frames. Individual wall parts are composed of block system that is connected together and anchored into the space walls with chemical process.

Multilock and locking system

The wing of the cellar door contains security multilock ADLO RESIST BN, manipulated by a security half-cylinder. The lock cylinder is protected against break-in and prying out with integrated hardware. Option of operating the cellar with the same key as for your entrance door.

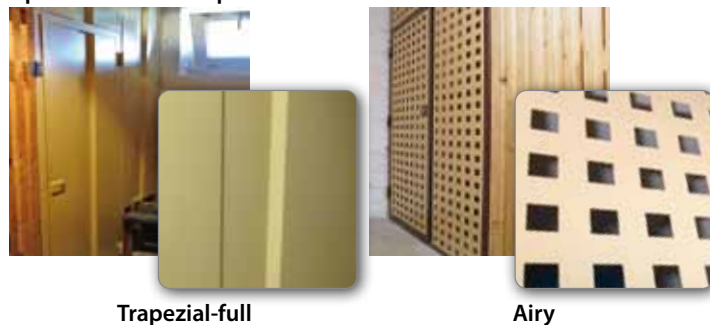


Half-cylinder

ADLO RESIST BN security multilock



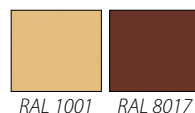
Options of different parts



Trapezial-full

Airy

Surface finish - Powder-lacquered baked colour

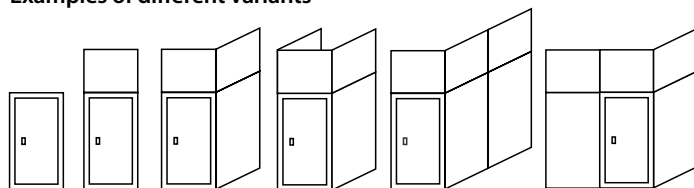


• Standard colours come in matt



• Custom colours are available in the whole RAL scale as matt or glossy

Examples of different variants



Block system enables to create multiple variations and combinations for any dimensions of the cellar walls.

Cellar installation

Experienced ADLO technicians with many years of service provide the installation of secure cellars in apartment houses.



SWING-AWAY BARS

Security ADLO door bars



- Substantially higher break-in resistance. Massive steel bars along the whole height without interruption, solid steel strips with exactly milled openings, security safe-style hinges, reinforcements in the most endangered spots in break-ins
- Unique protection against sawing. Massive steel bars have inner rotating bars.
- Substantially higher resistance against corrosion, durability of the surface finish and lasting colours



Regular core padlock



Padlock with extra protection



Padlock with HASP protection



Security multilock ADLO RESIST BN



Operable bars with integrated multilock



Detail of the multilock in operable bars

SOLID BARS

Security ADLO solid window bars



- Saw-resistant protection. Double steel massive bars. Each steel rod is doubled and contains an inner roll-bar, which prevents its sawing through
- Impossibility to dismantle the whole grid
- High resistance against corrosion and stability of colours due to 4-level surface protection
- Aesthetical placement in the window jamb; minimal disruption of the façade appearance. Installing is possible before finishing the house insulation and also after it, as well as after finishing the façade

SPECIAL SOLUTIONS



Do you have any nonstandard requirement concerning the protection of your property against theft, burglary or break-in? There isn't any professional product on the market that would match your requirements? Do you need professional and effective protection?

- Special solutions for you – in the highest level of security and professional delivery

Examples of special solutions



Garage door with multilock mechanism



Special small ADLO security door in the ADLO security door



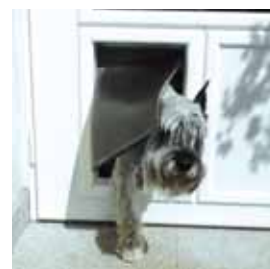
Additional grillage on the entrance door of an apartment house



Entrance into a commercial roof space, security class 3



Electrometer protection, security class 3



Pet door in the security ADLO door



Lockable swing-away bars for a small window



Electromotor manipulation of the safe locking mechanism of the door



The whole entrance is protected by a grillage wall



Your own original and unique door with any name

WHY UNBREAKABLE?

- Door providing the best security, tested in certified EU test room
- The safest windows
- Glass security door with armor glass
- The longest warranty for the locking mechanism
- The longest life of thermal insulation
- Installation exclusively by a producer
- The best selection of security levels and designs
- Special solutions in individual custom orders

ADLO[®]

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• SWITZERLAND •

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• AUSTRIA •

WIEN - Schüttaustrasse 53, tel.: +43 1 957 65 58-0

• GERMANY •

MÜNCHEN - Kreillerstr 65, tel.: +49 89 2897 2290

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