DOOR catalogue edition 1/2012



Ne open dreams



Ne open dreams

Nowadays we live in a constant rush trying to find peace, beauty and a safe asylum in our home and the places where we live. The need for safety, quality of life in a beautiful environment has become a common and necessary. People want to protect what they love and surround themselves with beautiful objects.

INVADO LLC, located in Dzielna, is one of the fastest growing manufacturers of doors, door frames, skirtings and finishing profiles, made of MDF and finger-joint pinewood, in Poland. INVADO is also a leading supplier of components for the furniture industry. The Company builds its market position basing on over twenty years of experience and continuous investment in technology, people and quality improvement.

ACTIVITY

INVADO started its activity from production of wooden houses and garden furniture and then (after launching of production line for profiles' wrapping) extended its offer with finishing profiles designed for wall panels and floor panels. Currently INVADO supplies the largest and most well-known furniture manufacturers in Poland and Europe in profiles wrapped into decorative foils and natural veneers. The profiles are used for production of furniture front doors, decorative elements, furniture legs, sides of beds etc. INVADO manufactures a wide range of skirtings for finishing of wooden and laminated floors.

Quality above all

INVADO continually strives to ensure optimal quality of its products, taking into account the individual needs of users. Quality is paramount - this is the basic issue in the design phase and remains the common denominator for all production processes. ISO 9001: 2009 certificate provides such an approach to the issue of quality.

All INVADO products meet European standards. The high level of products and services next to the price and delivery time is the primary objective of the Company, ensuring its perception as a trusted partner.

Certificates and awards











CONSUMER'S LAUREL

INVADO brand has been recognized by Polish consumers and honored with the prestigious Consumer's Laurel emblem.

BUSINESS GAZELLE

INVADO has again been awarded The Business Gazelle - a certificate awarded by the journal "Pulse of Business" for the most dynamically developing companies in Poland.

TRANSPARENT COMPANY

INVADO was awarded by DUN AND BRADSTREET PO-LAND a "TRANSPARENT COMPANY" Certificate. Receiving this award demonstrates integrity in the disCHARGE of the obligation to timely publication of financial statements and confirms the transparency of activity in the market. The certificate is the same as a reflection of the fact that

INVADO operates according to principles of fair play.







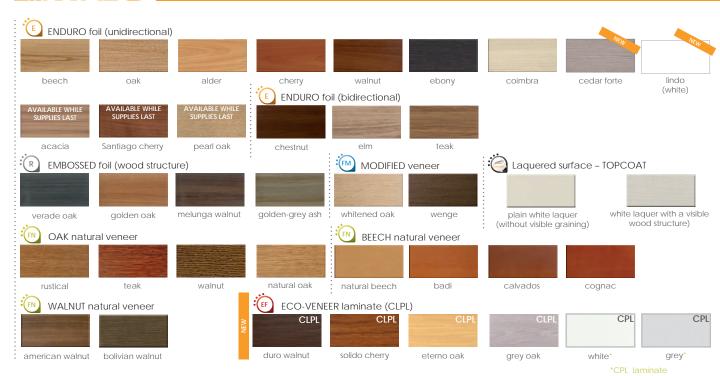




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INVADO DECORS' PALETTE:

ENDURO foil

beech, oak, alder, cherry, walnut, oak perłowy, Santiago cherry , coimbra, acacia, ebony, chestnut, elm, teak. Strength class:

NATURAL veneer

rustical, natural oak, teak, walnut, natural beech, badi, calvados, cognac, american walnut, bolivian walnut
Strength class:

MODIFIED veneer

whitened oak, wenge Strength class:



Laquered surface - TOPCOAT

plain white laquer (without visible graining), white laquer with a visible wood structure Strength class:

EMBOSSED foil (wood structure)

verade oak, golden oak, melunga walnut, golden-grey ash Strength class:

ECO-VENEER laminate (CLPL)

duro walnut , solido cherry, eterno oak, grey oak, white*, grey*
Strength class:

*CPL laminate

STRENGTH CLASSIFICATION OF INVADO FOILS

intensity of use	classification	intended for :	
•	LOW 1 does not appear in INVADO doors		
• •	LOW 2 does not appear in INVADO doors		
• • •	MEDIUM 1 Foil/veneer of high-quality design and very good reproduction of the natural grain. It is characterized by excellent strength characteristics.	Buildings and living quarters with a wide range of use	
• • • •	MEDIUM 2 Foil/veneer with improved parameters of aesthetic and durability. Natural veneer, because of its origin, is also environmentally friendly material.		
	TOP 1 High quality foils/veneers in modern colors, very high strength parameters.	Hotels, offices, public buildings	
	TOP 2 Foil/veneer of aesthetic properties as a coating TOP 1, however the highest available strength characteristics.	noieis, ollices, public bullanigs	

Due to the unique character of natural veneer there may occur the differences in shade and structure of veneer. Additionally in case of modified veneer the finger joining of veneer is possible.



INVADO TECHNOLOGY:



Production of door leaves and door frames is the strongest point of INVADO offer, therefore a major breakthrough in the Company's activity was the implementation of innovative production technology of foiled doors (INVADO Technology). Now thanks to the innovative method of doors' production, INVADO is among the most technologically advanced companies in Europe. A characteristic feature of this technology is foiling of surfaces without connecting of foil on rebate edges. Due to this method the edge looks aesthetically and is also more resistant to damage. In principle there is no possibility of breaking off the foil, because the connection of foil is placed the inner edge of the rebate - invisible

to the eye. Patent No. 204 829 protecting the invention called "Technology of foiling flat doors in the mass production system" is used since 2007 in case of all foiled doors. In addition – off-rebate foiling makes the INVADO doors as the only ones on the market have rounded edges, safe for adults and children hands.

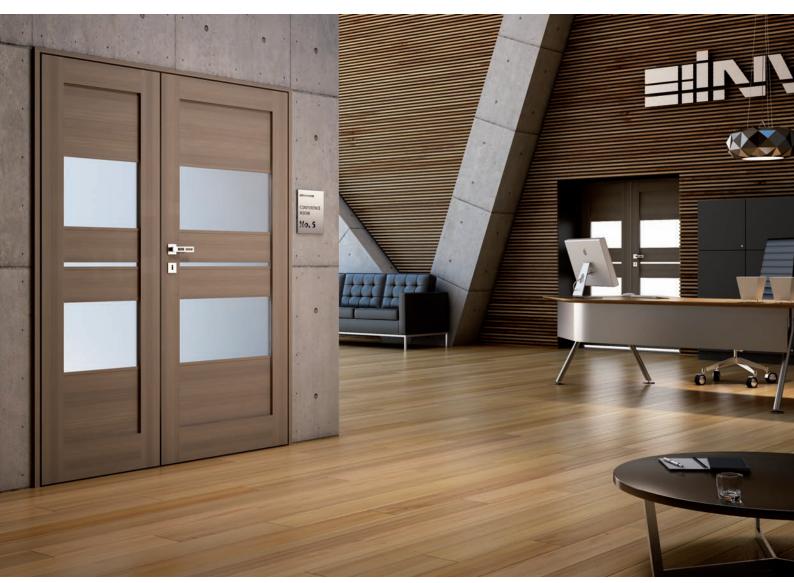
Safe edges..

INVADO foiled doors are manufactured basing on INVADO patented technology, which consists on connecting of the foil out of the rebate edge. Door edges, made in this unique technology, are protected against abrasion and breaking off the foil and stay beautiful and new for a longer period of time.



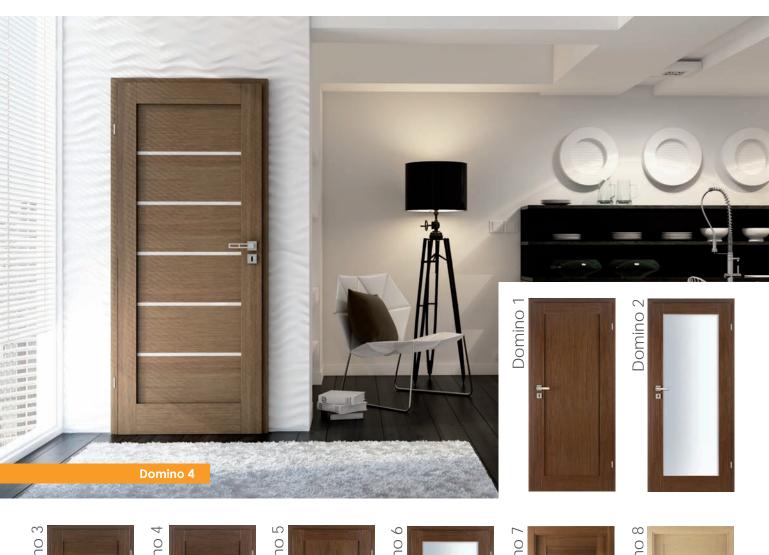
COLLECTION OF INVADO DOORS:

Collection of INVADO doors is the result of combination of a unique, patented technology and years of experience of INVADO experts. INVADO doors are appropriate both in traditional and modern interiors, in public buildings and private homes. Every year INVADO collection is enriched with new models and decors to create new opportunities for interior design. INVADO doors have a simple, clear and recognizable style, which is characterized by the attention to details, quality and precision of construction.



COLLECTION OF MODULAR FOILED AND VENEERED DOORS

Domino































AVAILABLE GLASSES:



Modular Domino doors in veneered version are equipped with - depending on the model - laminated glass 2 +2 or 3+3 [mm], in which both sides are glossy (smooth), and the modular doors Domino in foiled version are equipped with uniform glass, in which one party is matt (rough). NOTE: in case of modular doors the glossy side of glass is on the hinges side...

CONSTRUCTION OF MODULAR FOILED AND VENEERED DOORS DOMINO:

- frame is made of finger joint pinewood, covered with MDF and HDF boards, wrapped into veneer,
- the frame of foiled doors is made of high quality MDF, wrapped into decorative foil (ENDURO, embossed or ECO-VENEER),
- in case of foiled door leaves there are strips connecting the individual elements of filling,
- Door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "100"*,
- width of double doors from "120" to "200" **.
 - * veneered version from "60" to "90" **veneered version - from "120" to "180"

STANDARD **EQUIPMENT**:

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) -2 pcs in door leaves "60" - "80", 3 pcs in door leaves "90" and "100".
- invisible hinges, regulation 3D, INOX color,*
- door leaf is filled with 4 mm or 6 mm-thick glasses and/or 10mm-thick MDF boards,
- caps for screw-in pivot hinges with regulation 3D (brass or chrome).

Technical Approval ITB AT-15-7089/2011

* available in non-rebated version only

Additional information on the equipment and accessories can be found at the page 50 - 51



AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

This is a box type frame, which advantages are the possibility to cover each thickness of the wall and additional regulation. With modern design, aesthetic performance and a wide range natural veneers and decorative foils, it is a modern element of any interior equipment.

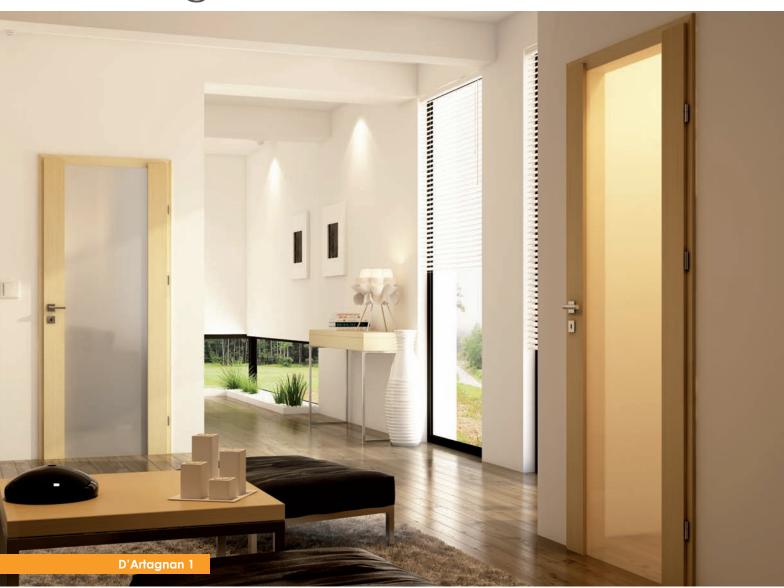


ADJUSTABLE DOOR FRAME FOR NON-REBATED DOORS:

The door frame is designed for non-rebated doors. Architraves in the door frame are joined at right angle. Available in veneered version only.

COLLECTION OF MODULAR FOILED AND VENEERED DOORS

D'Artagnan







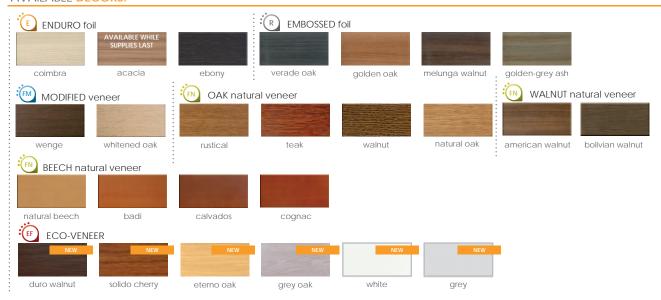




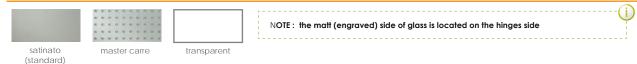








AVAILABLE GLASSES:



CONSTRUCTION OF MODULAR FOILED AND VENEERED DOORS D'ARTAGNAN:

- frame is made of finger joint pinewood, covered with MDF and HDF boards, wrapped into decorative foil (ENDURO, embossed or ECO-Veneer) or natural/modified veneer,
- width of single doors from "60" to "100"*,
- width of double doors from "120" to "200" **.
 - * veneered version from "60" to "90" **veneered version - from "120" to "180"

STANDARD **EQUIPMENT**

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) - 2 pcs in door leaves "60" - "80", 3 pcs in door leaves "90" and "100".
- door leaf is filled with 10mm-thick MDF boards or 6 mm-thick glass,
- caps for screw-in pivot hinges with regulation 3D (brass or chrome).

Technical Approval ITB AT-15-7089/2011

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

ventilation undercut

door without a key hole

door width "100"

metal ventilation sleeves, round (chrome, brass)*

metal ventilation sleeves, square (chrome, nickel)*

door made in non-rebated version (veneered only)

non-rebated door for sliding system

double door

cylinder lock insert 31/36

* available in D'Artagnan INTERO.

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

This is a box type frame, which advantages are the possibility to cover each thickness of the wall and additional regulation. With modern design, aesthetic performance and a wide range natural veneers and decorative foils, it is a modern element of any interior equipment.

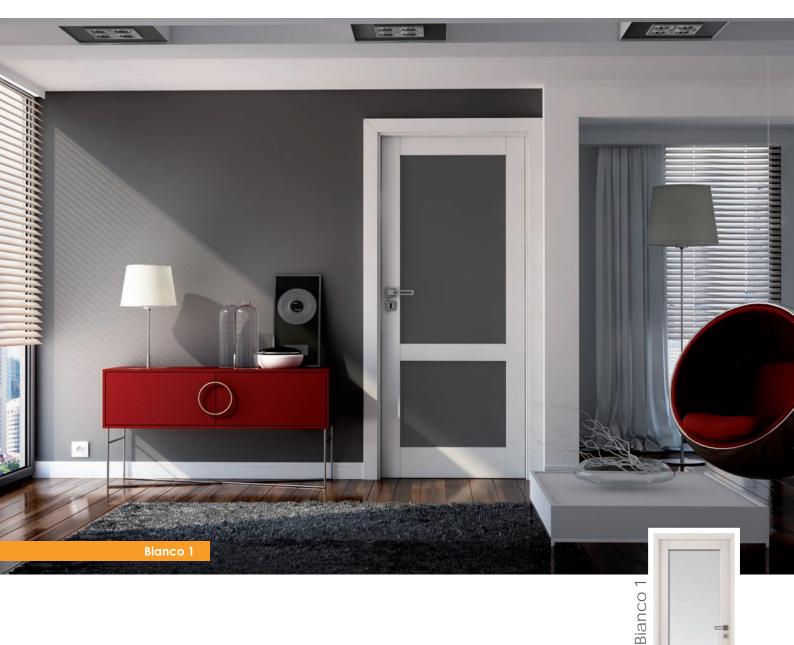


ADJUSTABLE DOOR FRAME FOR NON-REBATED DOORS:

The door frame is designed for non-rebated doors. Architraves in the door frame are joined at right angle. Available in veneered version only.

Bianco

NEW



















white

AVAILABLE GLASSES:



NOTE: in case of modular foiled doors the glossy side of glass is on the hinges side..



satiriate

CONSTRUCTION OF MODULAR FOILED DOORS BIANCO:

- the frame of foiled doors is made of high quality MDF, wrapped into decorative foil (ECO-VENEER),
- Door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "100",
- width of double doors from "120" to "200".

STANDARD EQUIPMENT:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) – 2 pcs in door leaves "60" – "80", 3 pcs in door leaves "90" and "100",,
- door leaf is filled with 10mm-thick MDF boards and/or 4 mm-thick glass,
- caps for screw-in pivot hinges with regulation 3D (brass or chrome).

Technical Approval ITB AT-15-7089/2011

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

ventilation undercut

door without a key hole

door width "100"

metal ventilation sleeves, round (chrome, brass)

metal ventilation sleeves, square (chrome, nickel)

non-rebated door for sliding system

double door

cylinder lock insert 31/36

AVAILABLE DOOR FRAMES:



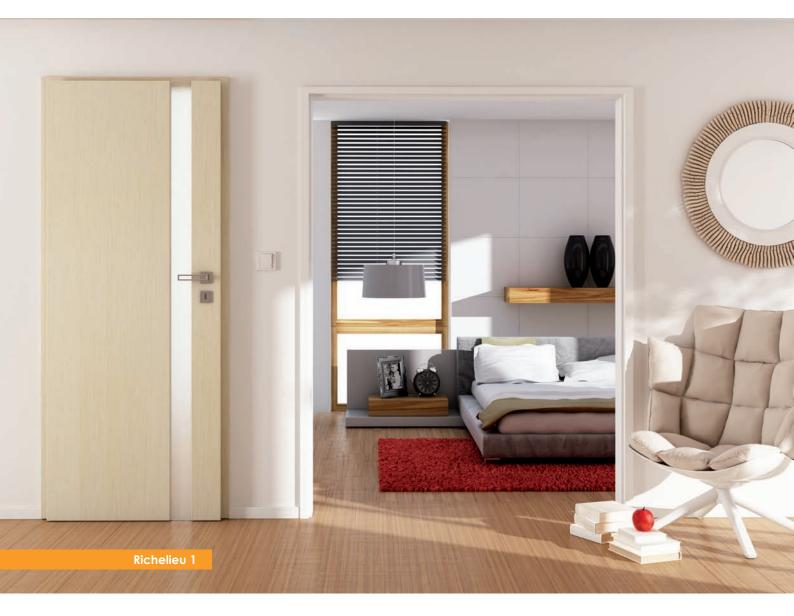
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Richelieu













AVAILABLE GLASSES:









CONSTRUCTION OF MODULAR FOILED DOORS RICHELIEU:

- frame is made of high quality finger joint pinewood, covered with HDF board and/or with chipboard filling, wrapped into decorative foil (ENDURO, embossed or ECO-Veneer),
- width of single doors from "60" to "100",
- width of double doors from "120" to "200".

STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) 2 pcs in door leaves "60" "80", 3 pcs in door leaves "90" and "100",
- caps for screw-in pivot hinges with regulation 3D (brass or chrome).,
- door leaf is filled with 6 mm-thick glass.

Technical Approval ITB AT-15-7089/2011

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

door without a key hole

door width "100"

fiore

metal ventilation sleeves, round (chrome, brass)

metal ventilation sleeves, square (chrome, nickel)

non-rebated door for sliding system

double door

cylinder lock insert 31/36

Additional information on the equipment and accessories can be found at the page 50 - 51



AVAILABLE DOOR FRAMES:



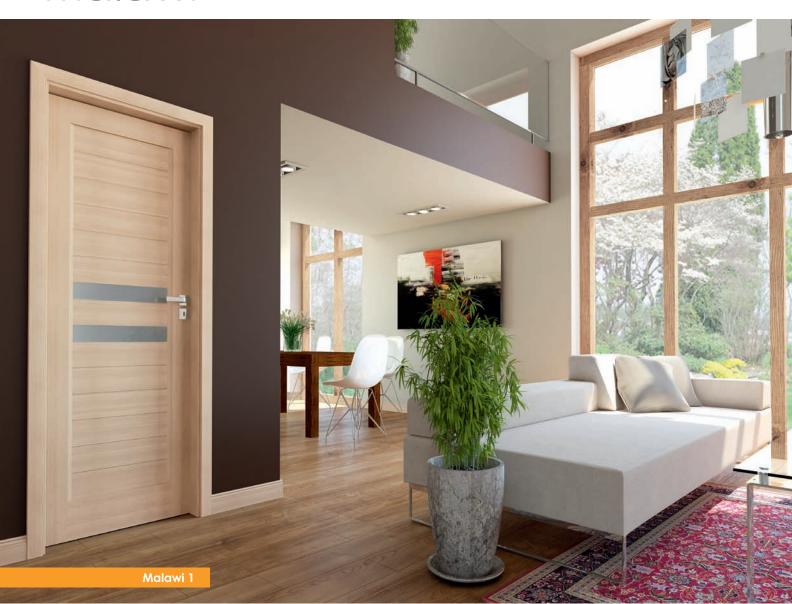
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Malawi









AVAILABLE GLASSES:



 $\ensuremath{\mathsf{NOTE}}$: the glossy side of glass is on the hinges side.



CONSTRUCTION OF MODULAR FOILED DOORS MALAWI:

- the frame of foiled doors is made of high quality MDF, wrapped into decorative foil (ENDURO, EMBOSSED OR ECO-VENEER)
- Door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "100",
- width of double doors from "120" to "200".

STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc)
 2 pcs in door leaves "60" "80", 3 pcs in door leaves "90" and "100",
- caps for screw-in pivot hinges with regulation 3D (brass or chrome),
- door leaf is filled with 10mm-thick MDF boards and/or 4 mm-thick glass,

Technical Approval ITB AT-15-7089/2011

ACCESSORIES AVAILABLE AT EXTRA CHARGE :

ventilation undercut
door without a key hole

door width "100"

metal ventilation sleeves, round (chrome, brass)*

metal ventilation sleeves, square (chrome, nickel)*

door made in non-rebated version (veneered only)

non-rebated door for sliding system

double door

cylinder lock insert 31/36

Additional information on the equipment and accessories can be found at the page 50 - 51

AVAILABLE DOOR FRAMES:



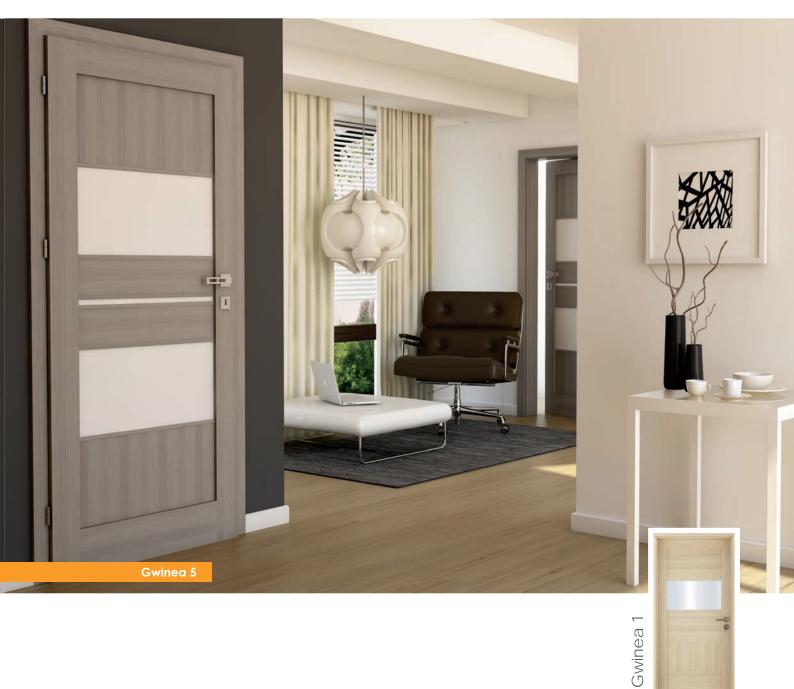
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Gwinea



















AVAILABLE GLASSES:



 $\ensuremath{\mathsf{NOTE}}$: the glossy side of glass is on the hinges side.



CONSTRUCTION OF MODULAR FOILED DOORS GWINEA:

- the frame of foiled doors is made of high quality MDF, wrapped into decorative foil (ENDURO, EMBOSSED or ECO-VENEER),
- in case of foiled door leaves there are strips connecting the individual elements of filling
- Door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "100",
- width of double doors from "120" to "200".

STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc)
 2 pcs in door leaves "60" "80", 3 pcs in door leaves "90" and "100",
- caps for screw-in pivot hinges with regulation 3D (brass or chrome),
- door leaf is filled with 4 mm-thick glasses and/or 10mm-thick MDF boards.

Technical Approval ITB AT-15-7089/2011

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE :

ventilation undercut

door without a key hole

door width "100"

metal ventilation sleeves, round (chrome, brass)*

metal ventilation sleeves, square (chrome, nickel)*

door made in non-rebated version (veneered only)

non-rebated door for sliding system

double door

cylinder lock insert 31/36

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

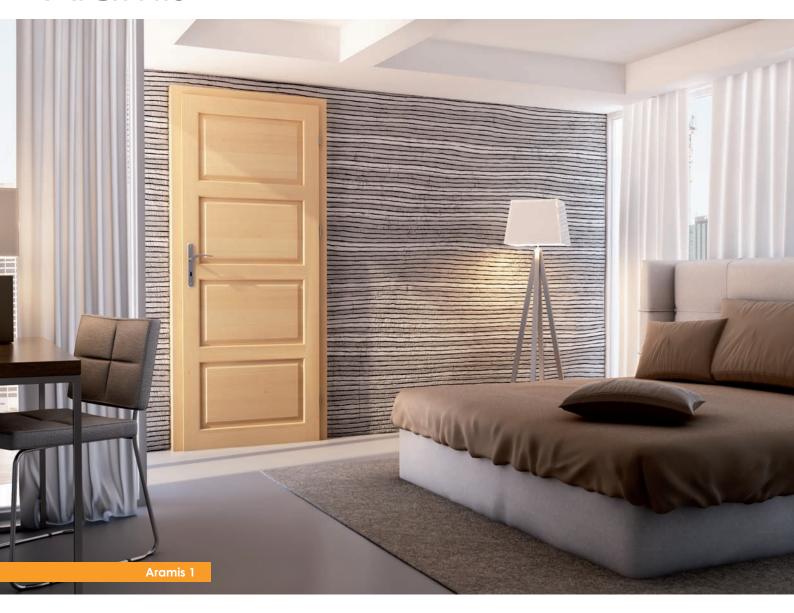
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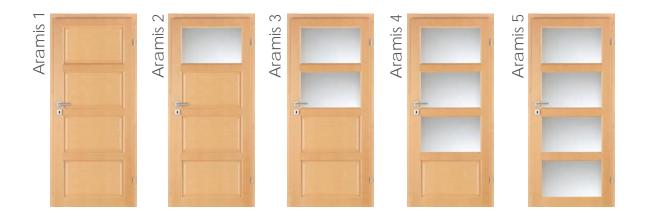


ADJUSTABLE **DOOR FRAME**:

COLLECTION OF MODULAR VENEERED DOORS

Aramis

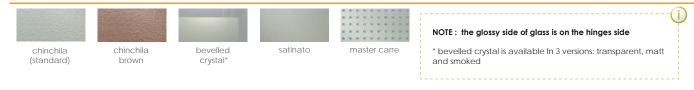








AVAILABLE GLASSES:



GLASS AVAILABLE AT EXTRA CHARGE:

master carre		
chinchila brown		
satinato		
bevelledo crystal		

CONSTRUCTION OF MODULAR VENEERED DOORS ARAMIS:

- frame is made of finger joint pinewood, covered with MDF and HDF boards, wrapped into veneer,
- door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" do "90",
- width of double doors from "120" do "180".



STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) – 2 pcs in door leaves "60" – "80", 3 pcs in door leaves "90" and "100",
- caps for screw-in pivot hinges with regulation 3D (brass or chrome),
- door leaf is filled with 18 mm-thick MDF boards wrapped into veneer and/or 4 mm-thick glass.

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

ventilation undercut	
door without a key hole	
metal ventilation sleeves, round (chrome, brass)*	
metal ventilation sleeves, square (chrome, nickel)*	
non-rebated door for sliding system	
double door	
cylinder lock insert 31/36	

Technical Approval ITB AT-15-7089/2011

Additional information on the equipment and accessories can be found at the page 50 - 51

AVAILABLE DOOR FRAMES:



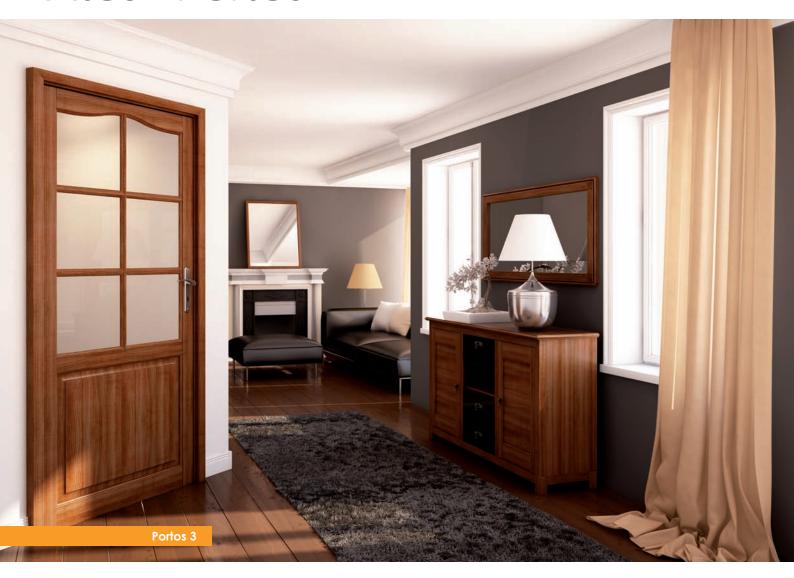
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Atos · Portos











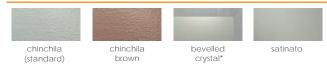








AVAILABLE GLASSES:



NOTE: the matt side of glass is located on the hinges side.

*bevelled crystal is available In 3 versions: transparent, matt and smoked

GLASS AVAILABLE AT EXTRA CHARGE:

satinato

chinchila brown

bevelled crystal

CONSTRUCTION OF MODULAR VENEERED DOORS ATOS AND PORTOS:

- frame is made of finger joint pinewood, covered with MDF and HDF boards, wrapped into veneer,
- door leaf can be shortened by max 40 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" do "90",
- width of double doors from "120" do "180".



STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges, regulation 3D (white zinc) – 2 pcs in door leaves "60" – "80", 3 pcs in door leaves "90" and "100",,
- caps for screw-in pivot hinges with regulation 3D(brass or chrome).,
- door leaf is filled with 18 mm-thick MDF boards wrapped into veneer and/or 4 mm-thick glass.

Technical Approval ITB AT-15-7089/2011

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

ventilation undercut
door without a key hole

metal ventilation sleeves, round (chrome, brass)*

metal ventilation sleeves, square (chrome, nickel)*

non-rebated door for sliding system

double door

cylinder lock insert 31/36

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Tivoli · Novara · Donna · Passo



CONSTRUCTION OF NOVARA





























AVAILABLE GLASSES:



 $\ensuremath{\mathsf{NOTE}}$: the glossy side of glass is on the hinges side.

1

(standard)

CONSTRUCTION OF FOILED DOORS TIVOLI, NOVARA, DONNA AND PASSO:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- · frame for glass is in the door leaf color,
- side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD EQUIPMENT:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling

ventilation undercut

additional hinge in door widths from "60" to "80"

non-rebated door for sliding system

double door

PVC ventilation sleeves

cylinder lock insert 31/36

door without a key hole

door width "100", "110"

caps for hinges

AVAILABLE DOOR FRAMES:



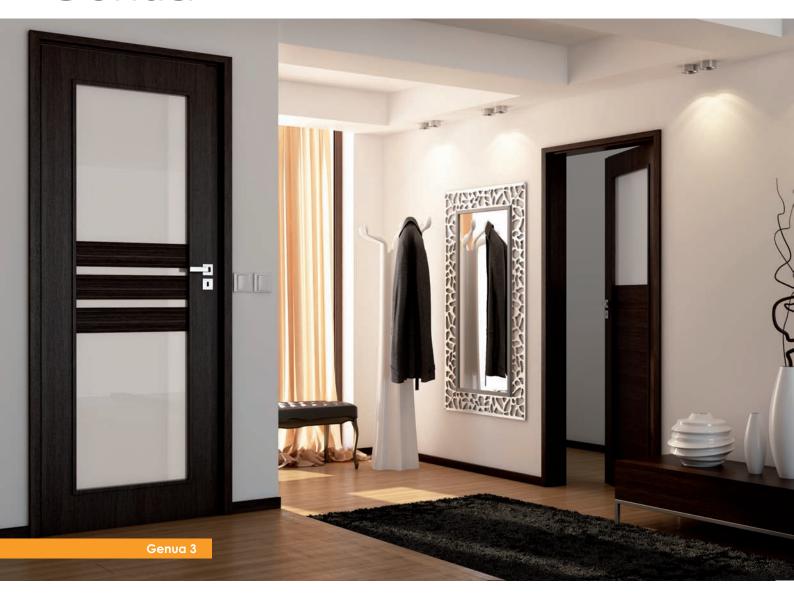
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Genua

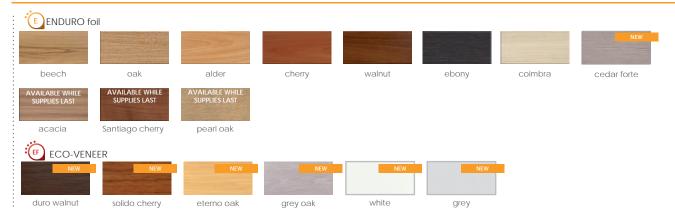












AVAILABLE GLASSES:



NOTE: the glossy side of glass is on the hinges side.



CONSTRUCTION OF FOILED DOORS GENUA:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- · frame for glass is in the door leaf color,
- · side edges and upper edge are foiled,
- · rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD EQUIPMENT:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



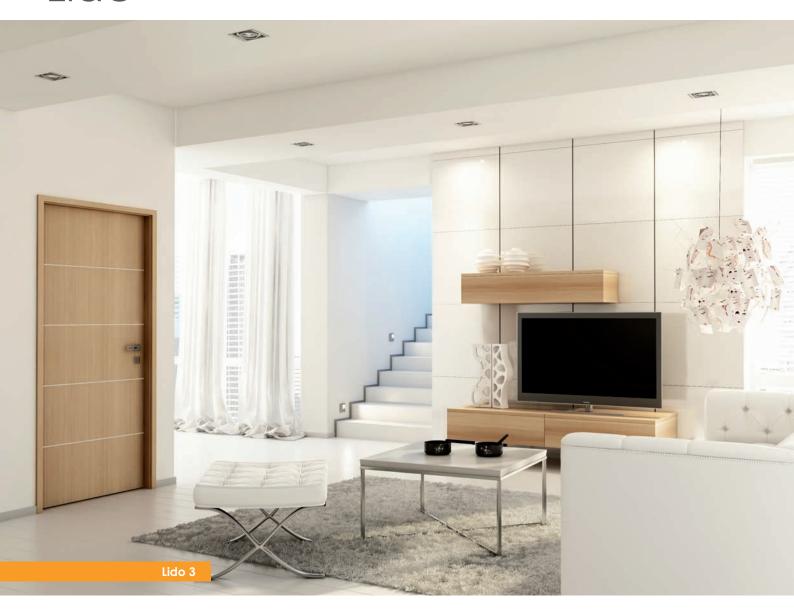
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



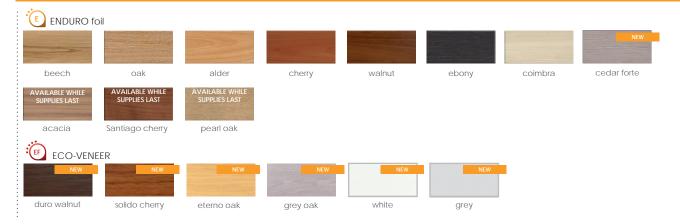
ADJUSTABLE **DOOR FRAME**:

Lido









CONSTRUCTION OF FOILED DOORS LIDO:

- frame is made of MDF board,
- chipboard filling,
- width of ALU strip 8 mm,
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".



STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page $\ 50 - 51$

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Virgo · Gemini



















AVAILABLE GLASSES:



 $\ensuremath{\mathsf{NOTE}}$: the glossy side of glass is on the hinges side.

·--(j)

CONSTRUCTION OF FOILED DOORS VIRGO AND GEMINI:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors "60", "70", "80", "90", "100"*, "110"*,
- width of double doors from "120" to "200"*.







STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



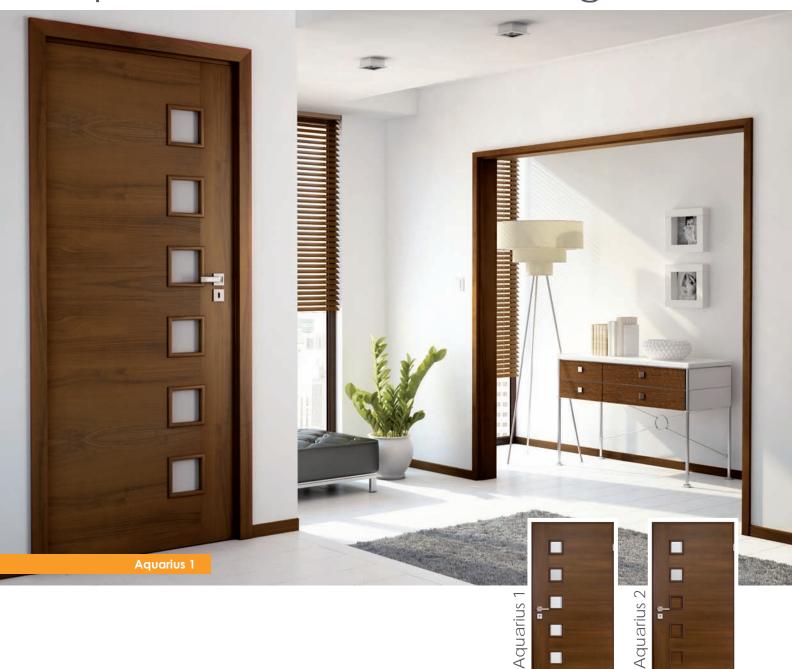
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Aquarius · Libra · Taurus · Sagittarius



*NOTE: Door leaf TAURUS is available in bidirectional foil only













AVAILABLE GLASSES:



 $\ensuremath{\mathsf{NOTE}}$: the glossy side of glass is on the hinges side.



CONSTRUCTION OF FOILED DOORS AQUARIUS, LIBRA, TAURUS AND SAGITTARIUS:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation).
- width of single doors "60", "70", "80", "90", "100"*, "110"*,
- width of double doors from "120" to "200".







STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Torino · Merano





























AVAILABLE GLASSES:

GLASS AVAILABLE AT EXTRA CHARGE:



NOTE: the glossy side of glass is on the hinges side.

CONSTRUCTION OF FOILED DOORS TORINO AND MERANO:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- side edges and upper edge are foiled,
- · rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



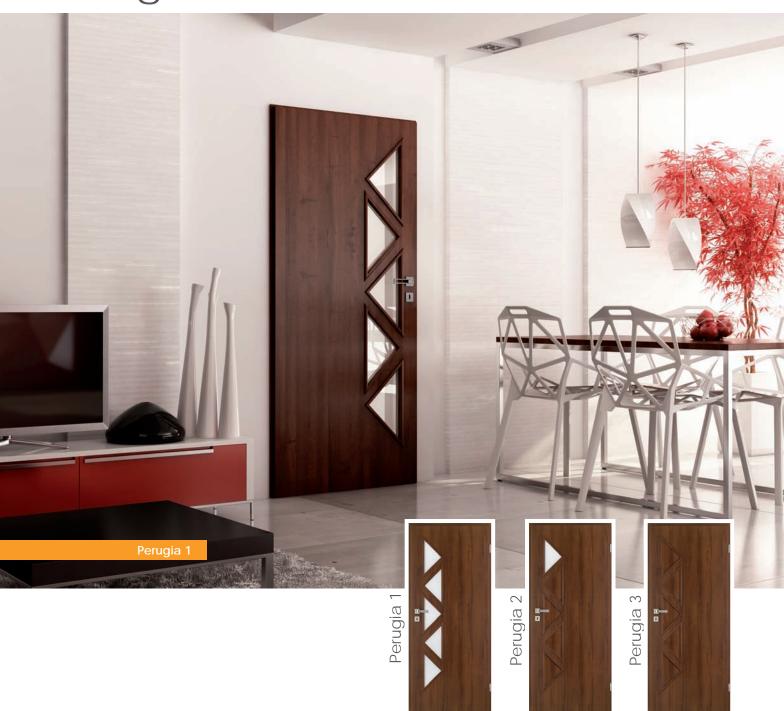
BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Perugia · Modena · Verona

















AVAILABLE GLASSES:





satinato

NOTE: the glossy side of glass is on the hinges side. *Standard in Modena i Verona **Standard in Perugia



CONSTRUCTION OF FOILED DOORS PERUGIA, MODENA AND VERONA:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD EQUIPMENT

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

Dolce · Nida · Classic











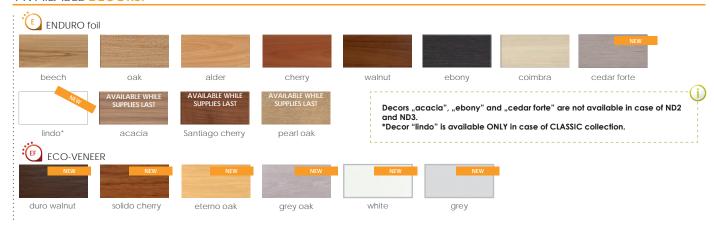




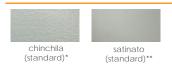




AVAILABLE DECORS:



AVAILABLE GLASSES:



NOTE: the glossy side of glass is on the hinges side.
*Standard in Norma Decor **Standard in Dolce



CONSTRUCTION OF FOILED DOORS DOLCE, NIDA AND NORMA DECOR:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- · side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
ventilation grid (NORMA DECOR only)
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

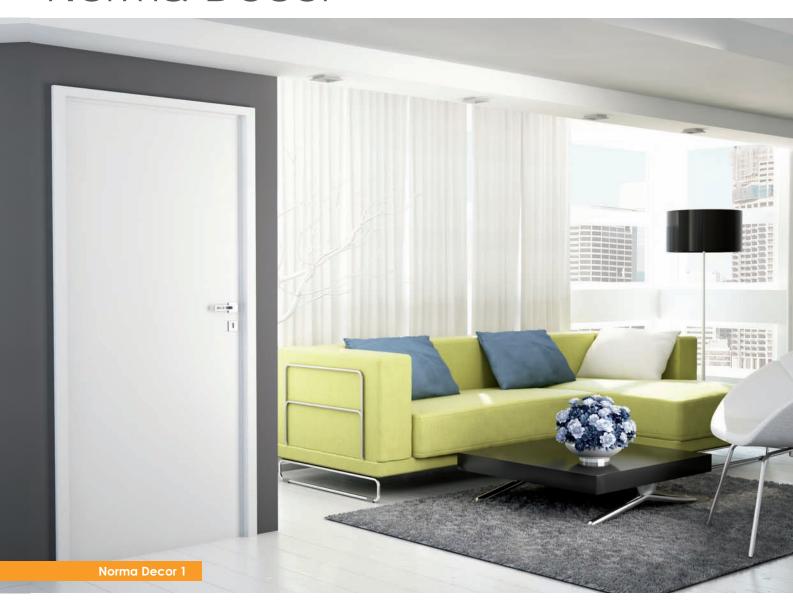
This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE DOOR FRAME:

This is a box type frame, which advantages are the possibility to cover each thickness of the wall and additional regulation. With modern design, aesthetic performance and a wide range natural veneers and decorative foils, it is a modern element of any interior equipment.

Norma Decor





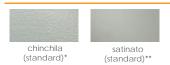
There is a possibility to produce NORMA DECOR 1 in reinforced version - detailed information can be found at the page 42



AVAILABLE DECORS:



AVAILABLE GLASSES:



NOTE: the glossy side of glass is on the hinges side.
*Standard in Norma Decor **Standard in Dolce



CONSTRUCTION OF FOILED DOORS NORMA DECOR:

- frame is made of MDF board,
- filling "honey comb" or chipboard (optionally),
- frame with filling is covered with HDF boards on both sides,
- door leaf is wrapped into decorative foil (ENDURO/ECO-VENEER),
- frame for glass is in the door leaf color,
- · side edges and upper edge are foiled,
- rounded side edges and upper edge,
- door leaf can be shortened by max 50 mm (not applicable to door leaves with ventilation),
- width of single doors from "60" to "110",
- width of double doors from "120" to "200".





STANDARD **EQUIPMENT**:

- lock 72 mm for standard key, WC knob or cylinder lock insert,
- screw-in pivot hinges 2 pcs (3 pcs in door leaves "90" and "110"), white zinc.

Technical Approval ITB AT-15-6702/2005

Additional information on the equipment and accessories can be found at the page 50 - 51

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

chipboard filling
ventilation undercut
ventilation grid
additional hinge in door widths from "60" to "80"
non-rebated door for sliding system
double door
PVC ventilation sleeves
cylinder lock insert 31/36
door without a key hole
door width "100", "110"
caps for hinges

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

This is a box type frame, which advantages are the possibility to cover each thickness of the wall and additional regulation. With modern design, aesthetic performance and a wide range natural veneers and decorative foils, it is a modern element of any interior equipment.

Amber















Amber

overprint on transparent glass



















CONSTRUCTION OF GLASS DOORS AMBER:

- GLASS: tempered, 8 mm-thick,
- door leaf width: "60", "70", "80", "90",
- block or adjustable door frame, 2 hinges
- glass pane should be ordered together with door frame,
- the matt side of glass is on the hinges side.

DIMENSIONS OF GLASS DOORS (MM)	"60"	"70"	"80"	"90"
--------------------------------	------	------	------	------

door leaf width	617	717	817	917
door leaf height	2027	2027	2027	2027

ACCESSORIES FOR GLASS DOORS:



HANDLE V6000 INX - simple or rounded:

VERSION 1: handle + lock without a hole + hinges + caps

VERSION 2: handle + cylinder lock + hinges + caps

VERSION 3: handle + lock WC + hinges + caps







lock V6000 INX - rounded



HANDLE **METALGLASS**

VERSION 1: handle + lock without a hole + hinges + caps

VERSION 2: handle + cylinder lock + hinges + caps

VERSION 3: handle + lock WC + hinges + caps

lock METALGLAS V -100 with handle ASTORIA



HANDLE INVADO

VERSION 1: handle + lock without a hole + hinges + caps

VERSION 2: handle + cylinder lock + hinges + caps

VERSION 3: handle + lock WC + hinges + caps

lock with handle INVADO



Handles INVADO and METALGLASS available in color nickel. Handles V6000 INX available in color stainless steel.

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.



ADJUSTABLE **DOOR FRAME**:

This is a box type frame, which advantages are the possibility to cover each thickness of the wall and additional regulation. With modern design, aesthetic performance and a wide range natural veneers and decorative foils, it is a modern element of any interior equipment.



Plano · Quadro













plain white laquer

(without visible





AVAILABLE DECORS:







white laquer

(with a visible wood structure)



CONSTRUCTION AND STANDARD EQUIPMENT OF NON-REBATED DOORS PLANO AND QUADRO:

- rama z drewna klejonego sosnowego,
- chipboard filling,
- frame with filling is covered with HDF boards on both sides,
- possibility to shorten (cut) the door leaf by 40 mm,
- flat edge (without rebate),
- magnetic lock*,
- 2 invisible hinges, regulation 3D, INOX color,
- door leaf is wrapped into veneer and lacquered**,
- porthole (at extra charge).
 - * in buildings with heavy traffic it is recommended to use a standard lock.
 - **with the exception of PLANO without visible graining

Technical Approval ITB AT-15-6702/2005

AVAILABLE DOOR FRAMES:



ADJUSTABLE DOOR FRAME FOR NON-REBATED DOORS:

The door frame is designed for non-rebated doors. Architraves in the door frame are joined at right angle. Available in veneered version only.

COLLECTION OF INTERIOR ENTRANCE DOORS











CONSTRUCTION OF INTERIOR ENTRANCE DOORS:

- frame is made of finger-joint pinewood, filled with chipboard
- block door frame 90x44 mm made of finger-joint pinewood covered with MDF board or metal frame,
- fixed treshold made of finger-joint pinewood,
- metal frame in RAL colors: brown 8017, honey 8003, white 9010, beige 1001.

STANDARD **EQUIPMENT**:

multipoint strip lock ,

- 3 reinforced hinges,
- acoustic insulation Rw = 29 dB *,
- break-in resistance class 2,

*acoustic insulation class Rw = 27 dB

Additional information on the equipment and accessories ${\rm can\ be\ found\ at\ the\ page\ 50\ -\ 51}$

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

Handle/rosette JANE, M3 - brown grafiatto, M6/M9 chrome/nickel, L/R

set of cylinder lock inserts (insert + insert with a knob), break-in resistance class 2, 30 x 40 mm, 6 keys

panoramic viewfinder

automatic door bottom seal for doors to 90 cm width

automatic door bottom seal for doors to 100-110 cm width

RECOMMENDED DIMENSIONS OF WALL OPENING FOR DOOR FRAME:

		me	tal door fro	ame		wooden door frame						
door leaf width	"70"	"80"	"90"	"100"	"110"	"70"	"80"	"90"	"100"	"110"		
width of wall opening	790	890	990	1090	1190	818	918	1018	1118	1218		
height of wall opening	2070	2070	2070	2070	2070	2084	2084	2084	2084	2084		

NORMA DECOR 7- REINFORCED



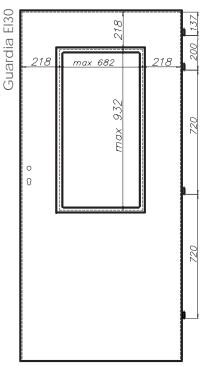
DECORS: All decors available for NORMA DECOR 1
ACCESSORIES AT EXTRA CHARGE: the same as for EGIDA
STANDARD EQUIPMENT: 2 independent locks, 3 hinges

DOOR CONSTRUCTION:

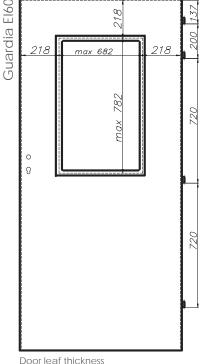
- double frame made of MDF board, filled with chipboard
- block door frame 90 mm x 44 mm made of MDF board or metal one
- metal frame in RAL colors: brown 8017, honey 8003, white 9010, beige 1001
- door leaf width: "80" "110"

Guardia





Door leaf thickness El30 = 56 mm



Door leaf thickness

Acoustic insulation index for **GUARDIA EI30**:

- fixed threshold RW = 34 dB *
- automatic door bottom seal -RW = 33 dB*

Fire resistance El30 (30 min).

* acoustic insulation class of 32 dB

Acoustic insulation index for **GUARDIA EI60**:

- fixed threshold RW = 34 dB *
- automatic door bottom seal -RW = 33 dB*

Fire resistance El60 (60 min).

* acoustic insulation class of 32 dB

APPLICATION:

Fire doors GUARDIA El30 and GUARDIA El60 are designed for hotels, catering facilities, banks, offices and other public and residential buildings, where the fire resistance is required to be maintained.

GUARDIA doors have Technical Approval AT-15-8020/2009 and certificate of compliance ITB-2017 / W.

In order to comply with technical approval, the self-closing device has to be used for GUARDIA EI30 and EI60 doors, according to the standard EN-14 600 (in case of double door the closing sequence regulator must also be applied) and the cylinder lock insert meeting the requirements of INVADO technical approval. GUARDIA doors can be sold only with door frames.

REFERENCE OBJECT: HOTEL "CASTLE" IN LUBLINIEC - EXAMPLE OF GUARDIA DOORS APPLICATION:



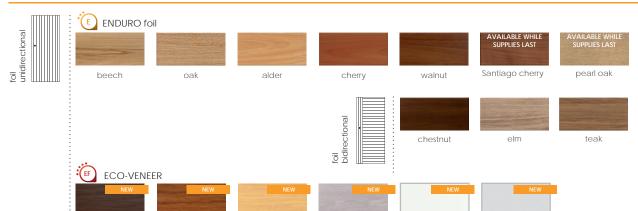








AVAILABLE DECORS:



grey oak

eterno oak

STANDARD EQUIPMENT:

 fire resistant chipboard, covered with HDF and cork boards on both sides,

solido cherry

- · decorative foil ENDURO or ECO-veneer,
- cylinder lock ,
- intumescent seals,
- MDF block frame 100x60 mm,

duro walnut

- automatic door bottom seal,
- 4 hinges with regulation 3,
- in case of glazed doors fire resistant glass,
- GUARDIA doors can be sold only with door frames.

ADDITIONAL **EQUIPMENT**:

white

 set* of mounting screws with expansion sleeves in sizes 10/152 for brick walls,

grey

 set* of self - drilling screws, size 6.54 x 95 for palstER board walls

*the set includes 8 screws

NOTE: for GUARDIA doors with automatic door bottom seal, the fixed threshold is not applicable.



ACCESSORIES AVAILABLE AT EXTRA CHARGE:

self-closer
viewfinder
smoke protection
covering profile (trim)
quadrant LC1
architrave
enlarging element 100 mm
enlarging element 200 mm
enlarging element 300 mm
mounting kit for plasterboard walls
mounting kit for brick walls

GUARDIA TECHNICAL DOOR		S	ingle do	or		double door							
DIMENSIONS (mm)	"70"	"80"	"90"	"100"	"110*"	"140"	"150"	"160"	"170"	"180"	"190"	"200"	
width of door leaf	744	844	944	1044	1144	1479	1579	1679	1779	1879	1979	2079	
width of wall opening	852	952	1052	1152	1252	1587	1687	1787	1887	1987	2087	2187	
outer width of door frame	822	922	1022	1122	1222	1557	1657	1757	1857	1957	2057	2157	
internal width of door frame	702	802	902	1002	1102	1437	1537	1637	1737	1837	1937	2037	
height of door leaf	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	
height of wall opening	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	
outer height of door frame	2085	2085	2085	2085	2085	2085	2085	2085	2085	2085	2085	2085	
internal height of door frame	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	

*unavailable in elm and teak.



Ignis

NEW





CONSTRUCTION OF IGNIS DOORS:

- · frame is made of laminated pinewood,
- filling: mineral wool with density of 120kg/m3,
- frame and filling is covered with 3 mm-thick HDF board,
- single door leaves in wooden frame widths from "60" to "100",
- single door leaves in metal frame widths from "60" to "110".

APPLICATION:

IGNIS El 30 fire doors are full doors (no glass), rebated, single, fire resistance El30 in case of MDF or metal frame.

The door with MDF frame can be mounted in walls made of ceramic or silica bricks, min. thickness 100 mm, concrete or reinforced concrete bricks with min. thickness 100 mm, cellular concrete blocks with min. thickness 100 mm and min. density of 650 kg/m3.

The door with metal door frame can be mounted in walls made of ceramic or silica bricks, min. thickness 115 mm, concrete or reinforced concrete bricks with min. thickness 100 mm, cellular concrete blocks with min. thickness 115 mm and min. density of 650 kg/m3.

In order to comply with technical approval, the self-closing device has to be used for IGNIS doors, according to the standard EN-14 600 and the cylinder lock insert meeting the requirements of INVADO technical approval.

IGNIS door has Technical Approval No. AT-15-8750/2011 and certificate of conformity No. W134.

STANDARD **EQUIPMENT**:

ACCESSORIES AVAILABLE AT EXTRA CHARGE:

- set of intumescent seals.
- latch-bolt lock,
- 3 screw-in pivot hinges,

metal door frame

automatic door bottom seal for door width up to "90"

cylinder lock insert meeting the requirements of INVADO technical approval.

NOTE: for IGNIS doors with automatic door bottom seal, the fixed threshold is not applicable.





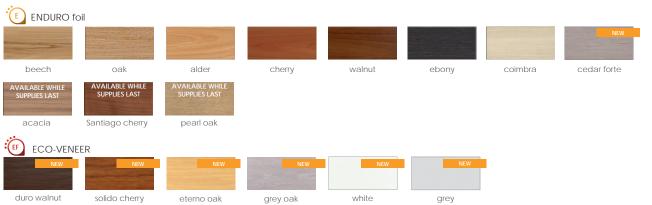
NEW











CONSTRUCTION OF FOLDING DOORS:

- folding door consists of folded door leaf and wall casing based on block door frame,
- the frame of each half of folded door leaf is made of MDF board or laminated semi-finished pinewood, 33 mm-thick,
- filling "honey comb"
- door leaf and filling are covered with 3 mm-thick MDF boards,
- · each half of door leaf has a rabbet along the vertical edge on the door frame vertical element side,
- both halves of door leaf are joined together by spring hinges, allowing for the maintenance of their mutual parallelism when closed,
- the door leaf is connected to the floor with a spigot fixed in the holder, which is bolted to the floor,
- the upper part is connected to the door frame with a spigot fixed in the holder, which is mounted in the rail bolted to the upper element of door frame,
- the sliding mechanism (trolley), mounted in the rail, stabilizes the door leaf when opening and closing. The door leaf is equipped with two grips,
- widths of folding door from "60" to "90".

AVAILABLE DOOR FRAMES:



BLOCK DOOR FRAME:

This is a door frame, which traditional simple design has been adapted to the typical thickness of the wall. With finishing trims, aesthetic performance and a wide range of decorative foils and natural veneers, it is a modern element of any interior equipment.

ON-WALL SLIDING SYSTEM



The set includes:

- rail
- rail cover in the door leaf color
- round grip, chrome or satin color

Options at extra charge:

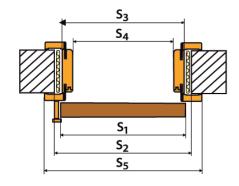
- Adjustable frame with fender beam (wall casing) ORS3,
- Key hook lock (chrome, satin, golden),
- WC hook lock (chrome, satin, golden).

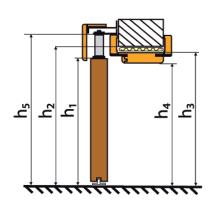
Extra charge for hook lock includes:

- hook lock
- striking plate (for assembly)
- "broken" key or WC knob
- set of grips
 - thimble 1 piece
- •

TYPES OF ON-WALL SLIDING SYSTEM:

- single door system
- double door system





DIMENSIONS OF DOOR LEAF AND DOOR FRAME FOR ON-WALL SLIDING SYSTEM (mm)

		do	oor frame fo	or single do	oor	door frame for double door							
	door leaf	"60"	"70"	"80"	"90"	"120"	"140"	"160"	"180"				
S ₁	width of door leaf	618	718	818	918	618+618	718+718	818+818	918+918				
S ₂	width of wall opening*	640	740	840	940	1258	1458	1658	1858				
S ₃	outer width of door frame	610	710	810	910	1228	1428	1628	1828				
S ₄	internal width of door frame	566	666	766	866	1184	1384	1584	1784				
S ₅	width of door frame with trims	710	810	910	1010	1328	1528	1728	1928				
$\mathbf{h}_{\scriptscriptstyle{1}}$	height of door leaf	2027	2027	2027	2027	2027	2027	2027	2027				
$\mathbf{h}_{_{2}}$	height of wall opening	2054	2054	2054	2054	2054	2054	2054	2054				
$\mathbf{h}_{_3}$	outer height of door frame	2039	2039	2039	2039	2039	2039	2039	2039				
h ₄	internal height of door frame*	2017	2017	2017	2017	2017	2017	2017	2017				
h ₅	height of door frame with trims	2089	2089	2089	2089	2089	2089	2089	2089				

^{*}Dimensions of wall opening for the version without door frame should be identical to the internal width of the door frame



"POCKET" SLIDING SYSTEM (HIDDEN IN THE WALL)



Each model of INVADO doors can be used for the sliding system (with the exception of technical and glass doors)

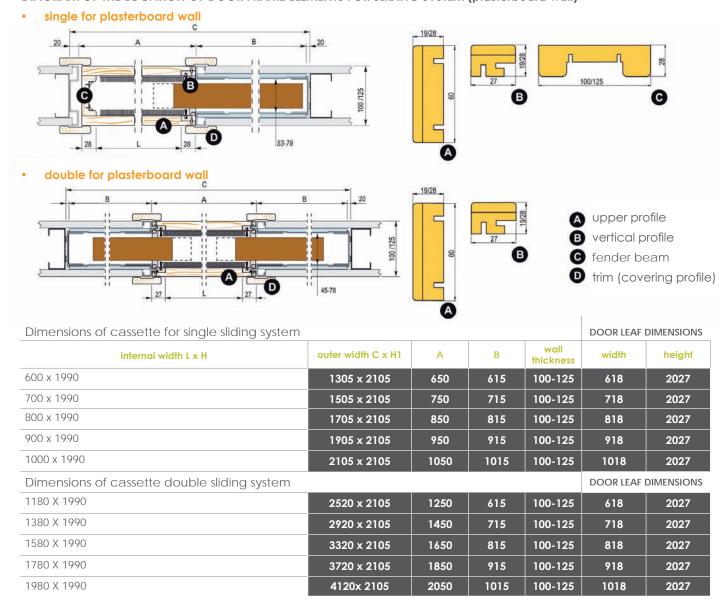
Construction casette "100" is prepared for installation of selected door leaves only: NORMA DECOR, TAURUS and all veneered and modular doors).

Construction casette "125" is prepared for installation of all INVADO door leaves.

Accessories included In the price:

- construction casette for sliding system "100" or "125"
- set of profiles (door frame)
- set of covering profiles for both sides of the door frame
- brushes and gaskets
- grip (chrome, satin or golden)

DIAGRAM OF THE LOCATION OF DOOR FRAME ELEMENTS FOR SLIDING SYSTEM (plasterboard wall)



Door dimensions · Door frames



DIMENSIONS OF REBATED DOORS:

	"60"	"70"	"80"	"90"	"100"	"110"
А	618	718	818	918	1018	1118
В	644	744	844	944	1044	1144
С	2027	2027	2027	2027	2027	2027
D	2040	2040	2040	2040	2040	2040

NOTE: Dimensions A and C are outer dimensions of non-rebated doors and doors prepared for sliding systems.

1

· right door



left door



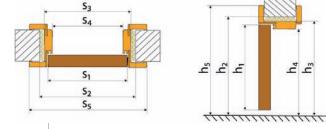
ADJUSTABLE DOOR FRAME FOR NON-REBATED DOORS:



FEATURES:

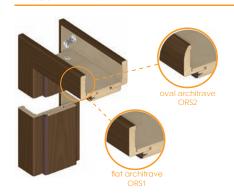
- MDF profiles are wrapped into natural veneer
- architraves are joined at right angles,
- width of architrave 80 mm.

Technical Approval ITB AT-15-5393/2008



	ENSIONS OF DOOR LEAF O NON-REBATED DOOR FRAME		si	ngle do	or		double door							
	door leaf	"60"	"70"	"80"	"90"	"100"	"120"	"130"	"140"	"150"	"160"	"170"	"180"	
S ₁	width of door leaf	618	718	818	918	1018	1239	1339	1439	1539	1639	1739	1839	
S ₂	width of wall opening	696	796	896	996	1096	1316	1416	1516	1616	1716	1816	1916	
\mathbf{S}_3	outer width of door frame	666	766	866	966	1066	1286	1386	1486	1586	1686	1786	1886	
S ₄	internal width of door frame	600	700	800	900	1000	1220	1320	1420	1520	1620	1720	1820	
S ₅	width of door frame with trims	784	884	984	1084	1184	1404	1504	1604	1704	1804	1904	2004	
$\mathbf{h}_{\scriptscriptstyle 1}$	height of door leaf	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	2027	
h_2	height of wall opening	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	
h_3	outer height of door frame	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	
h_4	internal height of door frame	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	
h ₅	height of door frame with trims	2117	2117	2117	2117	2117	2117	2117	2117	2117	2117	2117	2117	

ADJUSTABLE **DOOR FRAME**:



CONSTRUCTION:

MDF board is wrapped into:

- foil naturalna (fornir) o grubości 0,3 mm,
- foil sztuczna ENDURO lub ECO-VENEER.

Technical Approval ITB AT-15-5393/2008

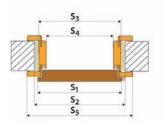
DIMENSIONS

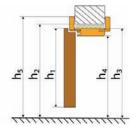
Adjustable door fame is made in dimensions adjustable to the wall thickness in steps of 20 mm. The minimum wall thickness is 75 mm. Door frame for the wall thickness greater than 340 mm consists of at least two connected components.

Door frames are made for rebated doors in the following sizes:

- single doors widths "60" "110",
- double doors widths "120" "200".





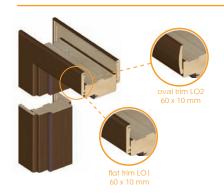


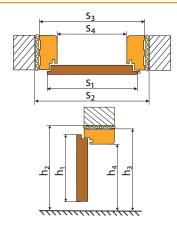


Door frame for the wall thickness greater than 340 mm consists of at least two connected components.

	MENSIONS OF DOOR LEAF AND JUSTABLE DOOR FRAME (mm)		dr	zwi sin	gle do	or		drzwi double door								
	door leaf	"60"	"70"	"80"	"90"	"100"	"110"	"120"	"130"	"140"	"150"	"160"	"170"	"180"	"190"	"200"
s ₁	width of door leaf	644	744	844	944	1044	1144	1264	1364	1464	1564	1664	1764	1864	1964	2064
s ₂	width of wall opening	674	774	874	974	1074	1174	1294	1394	1494	1594	1694	1794	1894	1994	2094
s ₃	outer width of door frame	644	744	844	944	1044	1144	1264	1364	1464	1564	1664	1764	1864	1964	2064
s ₄	internal width of door frame	600	700	800	900	1000	1100	1220	1320	1420	1520	1620	1720	1820	1920	2020
s ₅	width of door frame with trims	744	844	944	1044	1144	1244	1364	1464	1564	1664	1764	1864	1964	2064	2164
h ₁	height of door leaf	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
h_2	height of wall opening	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062	2062
h_3	outer height of door frame	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047	2047
h_4	internal height of door frame	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025
h_5	height of door frame with trims	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097

BLOCK DOOR FRAME:





CONSTRUCTION:

MDF board is wrapped into:

- Natural veneer with a thickness of 0.3 mm,
- ENDURO decorative foil or ECO-veneer.

Technical Approval ITB AT-15-6597/2009

DIMENSIONS:

Cross-section: $90 \times 44 \text{ mm}$. Door frames are made to the rebated door leaves in the following sizes:

- single doors widths "60" "110",
- double doors widths "120" "200".

	MENSIONS OF DOOR LEAF AND OCK DOOR FRAME OB3 AND OB6			single	door			double door								
	door leaf	"60"	"60" "70" "80" "90" "100" "110" "							""""""""""""""""""""""""""""""""""""""						"200"
s ₁	width of door leaf	644	744	844	944	1044	1144	1264	1364	1464	1564	1664	1764	1864	1964	2064
s ₂	width of wall opening	718	818	918	1018	1118	1218	1338	1438	1538	1638	1738	1838	1938	2038	2138
s ₃	outer width of door frame	688	788	888	988	1088	1188	1308	1408	1508	1608	1708	1808	1908	2008	2108
s ₄	internal width of door frame	600	700	800	900	1000	1100	1220	1320	1420	1520	1620	1720	1820	1920	2020
h_1	height of door leaf	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
h_2	height of wall opening	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084	2084
h_3	outer height of door frame	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069	2069
h ₄	internal height of door frame	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025

ACCESSORIES/OPTIONS FOR ADJUSTABLE AND BLOCK DOOR FRAMES FOR AN EXTRA CHARGE

door frames with transoms up to 5 l.m.-circuit (no glazing)

door frames for double doors

adjustable door frame with oval covering profiles (trims)

non-typical dimensions

wall framing ("blind door frame")

additional hinge in door frame $_{\it "}60"-_{\it "}80"$

adjustable door frame for single on-wall sliding system (flat covering profile only, type ORS 3)

ACCESSORIES FOR INTERIOR DOORS:



hinge with 3D regulation



caps for hinges



invisible hinge with 3D regulation (non-rebated doors)



magnetic lock (non-rebated doors)



porthole (Quadro, Plano, Norma Decor 6)



ventilation grid (Norma Decor)



ventilation undercut



ventilation square sleeves



ventilation round sleeves

Technical information about ventilation.

According to the norm, the door to the bathroom, shower and separate WC should open outwards, have the passage width of at least 0.8 m and height of 2 m, and have the ventilation holes for the air supply in the bottom of the door with total ventilation area of at least 0.022 m². The total ventilation area is the sum of the gap under the door (standard 7mm) and additional solutions that increase the total net ventilation area of such as: ventilation sleeves, ventilation undercut and ventilation grid. The use of ventilation grid ensures the correct ventilation area for all door widths, while using the sleeve and / or undercut the increased gap between the door and the floor should be used in order to meet the required regulations. If the above mentioned regulations must be obliged the clients must trim the door on their own.

		door leaf wit slee		door leaf with ventilation undercut*		door leaf with ventilation grid*	
Door width	Number of ventilation sleeves	Total ventilation area: ventilation sleeves and the gap under the door (7 mm) m ²	Required gap under the door to fullfill the legal regulations (mm)	Total ventilation area: ventilation undercut and the gap under the door (7 mm) m ²	Required gap under the door to fullfill the legal regulations (mm)	Total ventilation area: ventilation grid and the gap under the door (7 mm) m ²	Required gap under the door to fullfill the legal regulations (mm)
"60"	3**	0,0060	34	0,0042	25	> 0,022	
"70"	4	0,0074	28	0,0060	23	> 0,022	
"80"	5**	0,0087	24	0,0078	22	> 0,022	
"90"	6	0,0100	21	0,0096	20	> 0,022	
"100"	6	0,0107	19	0,0114	18	> 0,022	
"110"	6	0,0114	17	0,0132	16	> 0,022	

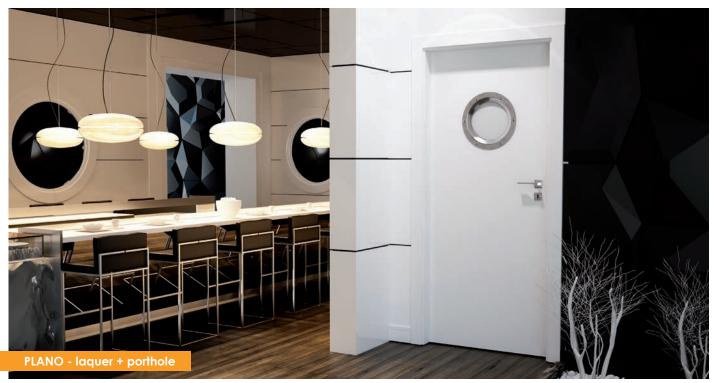
^{*}door collections where the ventilation sleeves, ventilation undercut and ventilation grid cannot be used: D'artagnan collection. In collection Richelieu there is a possibility to install ventilation sleeves

install ventilation sleeves.

** in model Richelieu 2, by door width "60" there are 4 pcs. of ventilation sleeves, by door width "80" there are 6 ventilation sleeves.

Sliding doors fullfill the ventilation requirements due to the construction of the system. In doors INVADO there is no possibility to use simultaneously more solutions for ventilation.





ACCESSORIES FOR **SLIDING DOORS**:



profiles and architraves (for system "in the wall")



gasket (for system "in the wall")



brush (for system "in the wall")



ACCESSORIES FOR INTERIOR AND EXTERIOR ENTRANCE DOORS:



cylinder lock insert with a knob



handle + rosette JANE (EGIDA)



handle + rosette STRATOS (SECURO)



panoramic viewfinder

ACCESSORIES FOR TECHNICAL DOORS:



viewfinder



self-closer



automatic door bottom seal







HANDLE INVADO

Available colors:

M6/M9 chrome/nickel

Available lock types:

- Key/cylinder lock insert
- WČ





Available colors:

M6/M9 chrome/nickel

Available lock types:

- Key/cylinder lock insert



HANDLE LAVIA

Available colors:

M6/M9 chrome/nickel

Available lock types:

- Key/cylinder lock insert
- WČ



HANDLE GIUSSY

Available colors:

- M3 brown grafiatto
- M6/M9 chrome/nickel

Available lock types:

- Key/cylinder lock insert
- WČ



HANDLE PRADO

Available colors:

INX - stainless steel

Available lock types:

- Key/cylinder lock insert
- WC



HANDLE **NERIS**

Available colors:

- M3 brown grafiatto
- M9 nickel

Available lock types:

- Key/cylinder lock insert
- WČ



HANDLE INVADO-QR

Available colors:

M9 nickel

Available lock types:

- Key/cylinder lock insert



HANDLE **QUBIK**

Available colors:

M9 nickel

Available lock types:

- Key/cylinder lock insert
- WČ



HANDLE LIZBONA

Available colors:

- M3 brown grafiatto
- M4 satinated chrome
- M9 nickel

Available lock types:

- Key/cylinder lock insert
- WC



HANDLE TINA

Available colors:

- M1 lacquered brass
- M3 brown grafiatto
- M4 satinated chrome
- M6 chrome M9 nickel
- SN satinated nickel

Available lock types:

- Key/cylinder lock insert
- WC



HANDLE **NET**

Available colors:

- M6 chrome
- M9 nickel

Available lock types:

- Key/cylinder lock insert
- WC



Available colors:

M6/M9 chrome/nickel

Available lock types:

- Key/cylinder lock insert
- WC







Prestige

Skirtings Prestige are higher than traditional wooden profiles and provide the floor with a frame effect which gives more nobility to the interior. INVADO Prestige collection is targeted at the more demanding customers and designers. Parquet skirting boards are made of MDF board and prepared for self-painting or finished with veneer/foil.

ACCESSORIES::

- white corner, dimensions 22x22x120 mm
- clip 30 pcs.



Length of the skirting: 2,40 m. Skirtings packed 5 pcs. in box.

skirting	Foil white, pain- table.	finish foil ENDURO	EMBOSSED foil	ECO-VENEER	NATURAL veneer	MODIFIED veneer
P 124	✓	✓	✓	✓	X	X
P 125	✓	Х	Х	Х	Х	Х
P 127	✓	Х	Х	Х	Х	Х
P 129	✓	✓	✓	✓	✓	✓
P 130	✓	Х	X	X	X	Х
P 132	✓	X	X	Х	√	√

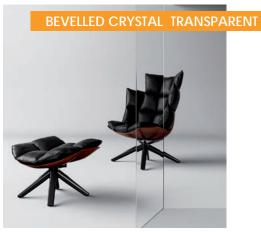
















Glass applications INVADO compose perfectly with doors D'Artagnan, Domino, Modena, Gwinea, Amber and Bianco. An additional advantage is easy installation. It is enough to stick them in the selected position on the special double-sided glue tape (included). Due to the melted glass technology and colour differentiation of the glass panels we get unique applications which pattern is never perfectly reproducible. DIMENSIONS: $90 \times 90 \text{ mm}$.





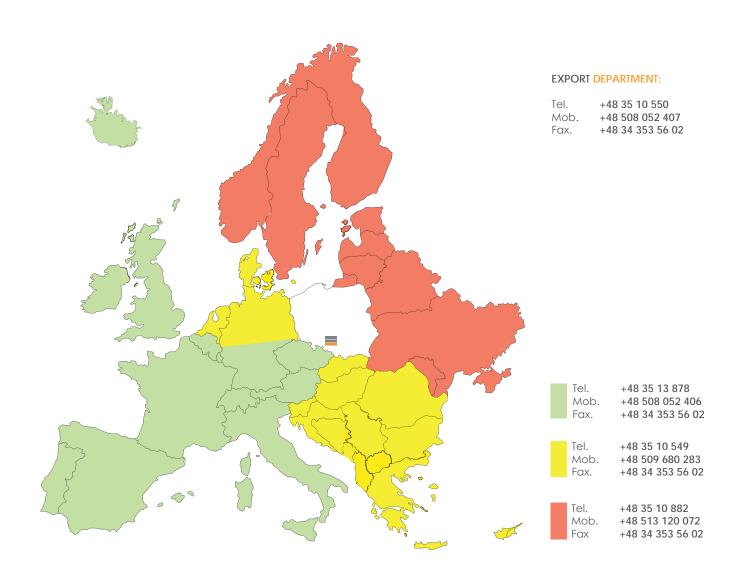












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