



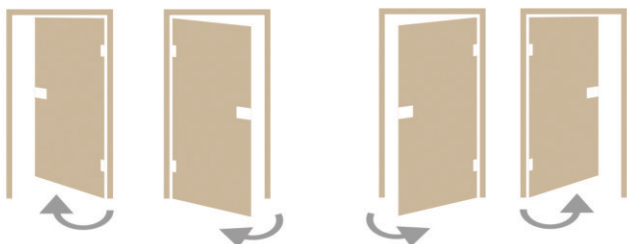
TECHNICAL INFORMATION



DOOR OPENING DIRECTIONS

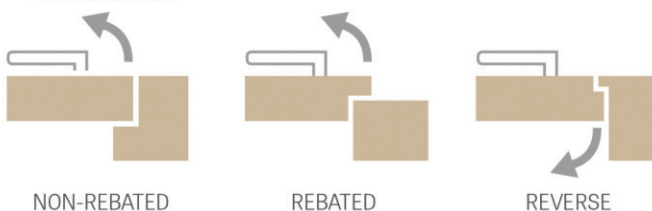
SINGLE DOORS
LEFT DOOR LEAF

SINGLE DOORS
RIGHT DOOR LEAF



REBATED, NON-REBATED, REVERSE DOORS

OPENING DIRECTION



DOUBLE DOORS



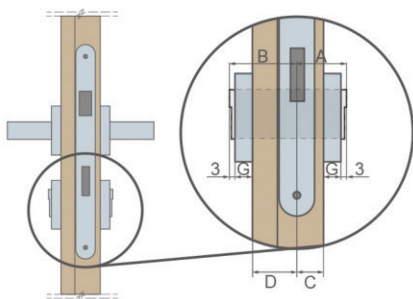
DOOR FRAME JOINTS

45°

90°



HOW TO SELECT A LOCK CORE



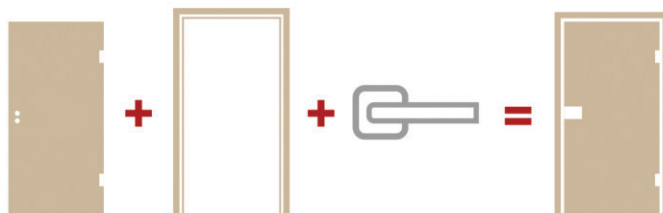
Example of calculating the lock core size for the flush and panelled doors (40mm) with the escutcheon thickness of G = 7 mm

$$A/B = (C+G+3) / (D+G+3)$$

$$A/B = (15+7+3) / (25+7+3)$$

$$A/B = 25/35$$

HOW TO CALCULATE DOOR PRICE



AVAILABLE SOLUTIONS

- wall-mounted sliding door systems, single door



- wall-mounted sliding door systems, double door



- pocket sliding door systems, single door



- pocket sliding door systems, double door



- supplementary system ZN1



- supplementary system ZN2



- double doors



Door type	Door leaf thickness	Proportion of lock setting in door (C/D)	Recommended lock core size (A/B)*
Flush, panelled (rebated)	40 mm	15/25	26/36
Flush, stile (non-rebated)	40 mm	20/20	30/30
reverse	40 mm	15/25	26/36
HERSE	46 mm	15/31	30/45
LEDA EI 30	50 mm	19/31	30/40
LEDA EI 60	60 mm	19/41	30/50
FORTECA RC2 & RC3	46 mm	20/26	30/40
HYPERION EI30 RC2	50 mm	19/31	30/40

* Recommended lock core size for the escutcheon thickness of 7 mm and play of 2 mm to 4 mm



GREKO

The GREKO laminate is also pre-impregnated, which means printing and then coating with paint with required properties. Using the performance finishing coats adds to the surface's resistance and flexibility of the product. The paint's silicon content ensures the film resistance is enhanced.

The GREKO laminate is manufactured on a high density Japanese base layer which is not resin coated. This makes the film ecological, healthy and safe for people and environment both in the production process and during use, as well as for disposal. No formaldehyde or other harmful ingredients is used.

Its distinctive patterns are what distinguishes the GREKO film. The decors bear striking resemblance to wood, as the high quality surface comes with a 3D natural wood effect. The facings look just like wood.

PREMIUM

The PREMIUM facing is a product based on Polypropylene (PP), a material of very high resistance to abrasion and scratching, plus top quality appearance. It adds a refined look and individual character to the doors, as it imitates natural wood perfectly.

Not only does the PREMIUM facing attract with its appearance but with its functionality, as it resists scratching better than average products and is fire-retardant and abrasion resistant. These properties ensure the extended longevity and maintenance-free use of the PREMIUM range products even in most adverse conditions.

ST CPL, CPL 0.2 and CPL 0.7

The CPL facing is composed of a decorative layer impregnated in resins, and a base layer ensuring flexibility. Following the lamination process, the top resin layer is hardened for high resistance to scratching and abrasion. It is characterised by high resistance to impact, abrasion, scratching, heat and UV radiation

Thanks to using this type of material, the door can be installed in so-called "difficult" interiors [exposed to heat, moisture or extraordinary use]. Approx. laminate thickness: ST CPL - 0.15 mm, CPL 0.2 - 0.2 mm and CPL 0.7 - 0.7 mm. The CPL 0.7 laminate is used to cover only one leaf plane thanks to its unique hardness. The CPL 0.2 and CPL 0.7 laminated door leaves come with the leaf edge made of the so-called ABS, a highly durable PVC.

ST CPL facing in white, light grey, cappuccino, black has been refined in the AntiFinger coating limiting dirt and fingerprints. **NEW**

UV VARNISH

The door surface has several coats of the WHITE TITANIUM UV modern UV hardened varnish. The flat surfaces are covered with a specialist base membrane in the first phase, and then coated twice with a top quality paint and hardened with UV.

The moulded surfaces cannot be covered with the membrane for technological reasons, so they are coated with three paint layers and hardened with UV.

The fully automatic coating process follows scanning to ensure ideal quality of the surface. Hardening the paint with the cutting-edge method involving UV light source ensures very high mechanical resistance.

EDGE FINISH TYPES

EDGE SOFT



The SOFT door leaf comes with a chamfered edges, which lends an aesthetic and modern look to it. The leaf is finished with a facing layer of an improved resistance to scratching, which dramatically enhances its resistance during use.



STANDARD EDGE



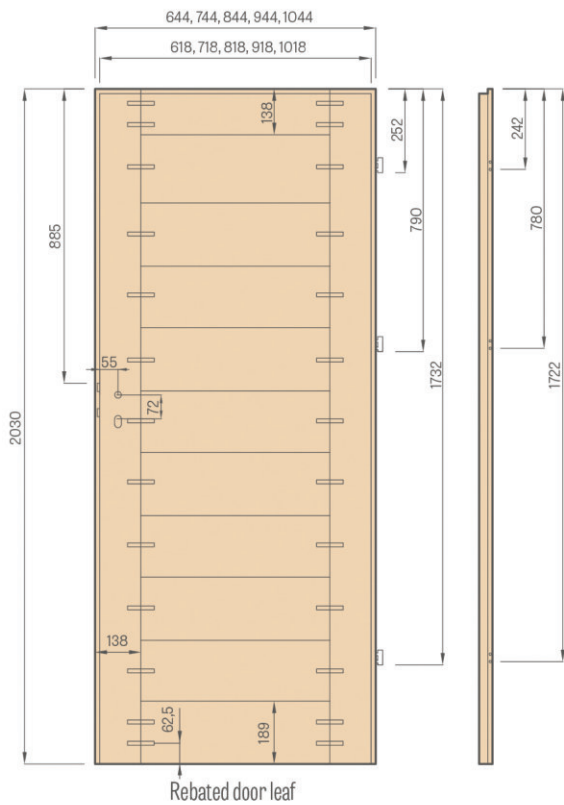
It involves covering the flat plane with the 0.15 mm ST CPL, CPL 0.2, CPL 0.7 facings, polypropylene PREMIUM facing or GREKO laminate.

The door leaf made in STANDARD technology has unchamfered edges, which is where the face panel is joined with edges facing, as shown in the diagram. The facing layer in the CPL 0.2 and CPL 0.7 laminates is made of very durable PVC, the so-called ABS. The joining method of the facing is also identical for the non-rebated doors and non-rebated sliding systems.

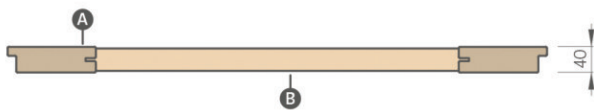
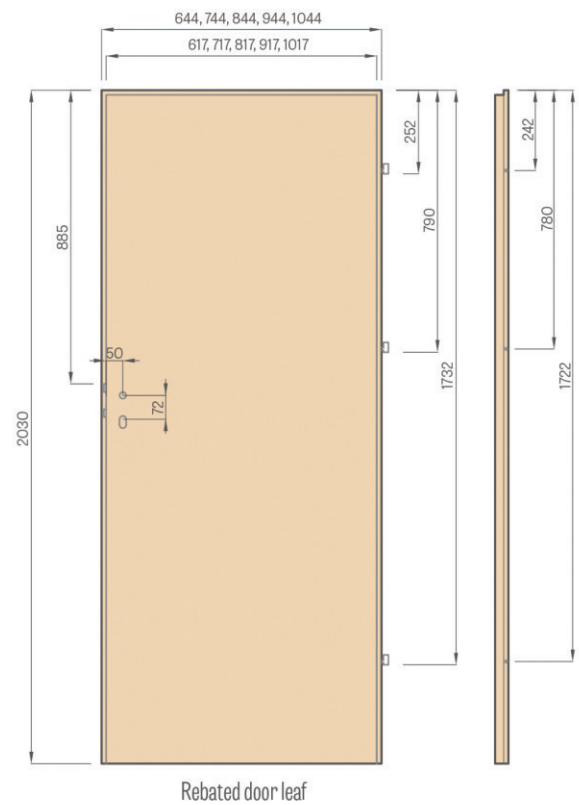


¹⁾ applies only to BALDUR 1 in WHITE ST CPL facing with solid core filling

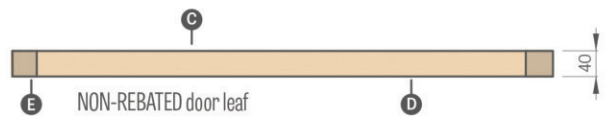
STILE DOOR



FLUSH DOOR



- A** MDF stiles
- B** MDF rails



- A** MDF board; **B** gasket; **C** HDF board; **D** filling;
- E** MDF or timber stiles in Herse SET and UNO PREMIUM



Solid 35 mm or 22 mm thick rail



Aesthetic frameless tongue-and-groove glazing without bars

FILLING TYPES

Honeycomb



Solid core filling



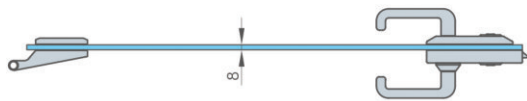
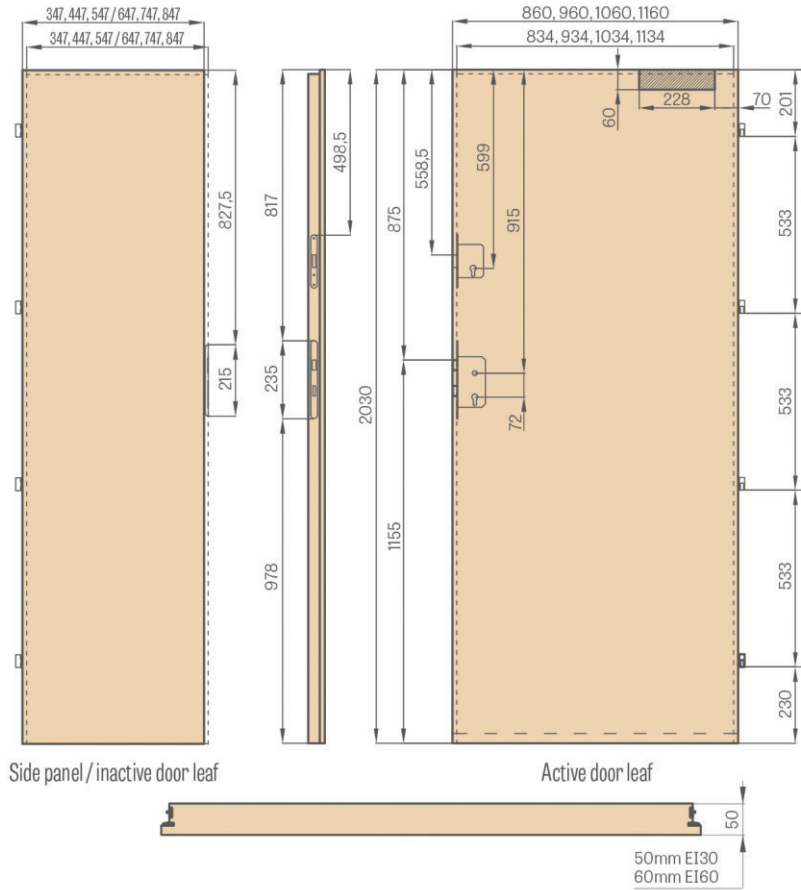
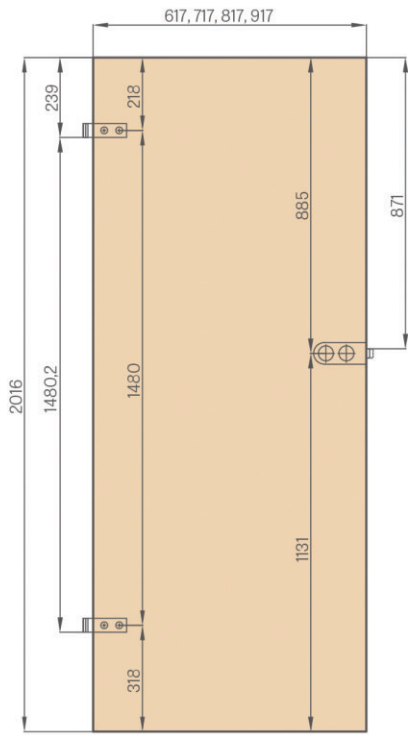
The honeycomb and the solid core filling in the flush doors ONLY. For the solid core doors we add a third hinge as standard.



MDF stile for the GREKO, PREMIUM and CPL facings, also with the AntiFinger coating
NEW



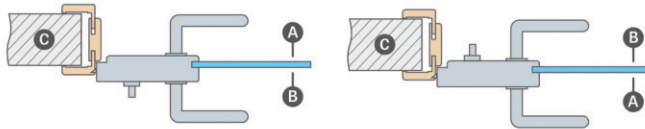
Glulam stile covered with HDF and MDF boards available at a surcharge for the following decors: WHITE PREMIUM, OAK NATUR PREMIUM, GRAPHITE ASH PREMIUM, GREY MAPLE PREMIUM, OAK ST CPL



BATHROOM TURN & RELEASE

outside (Z)

inside (W)



A Corridor; **B** Bathroom; **C** Wall

Bathroom lock – for turn and release locks, select:

- OUTSIDE lock – with the bathroom turn and release is fitted to the outside of the door (Z) or
- INSIDE lock – with the bathroom turn and release is fitted to the inside of the door (W)

NOTE: Directions for the turn and release locks apply (R/L)

STANDARD OBVERSE GLAZING



REVERSE GLAZING MADE TO ORDER:



G Plain side; **M** ornamented matt side;



Specially designed HALSPAN board filling
44 mm [EI30] / 54 mm [EI60]



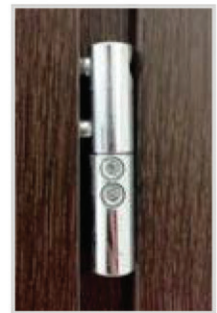
Fire rated and smoke intumescent door gasket in red or black



Drop down seal with pressure adjustment by Allen key



Fixed door frame



Useful four hinges $\varnothing 16$ with 3D adjustment

CONCEALED MAGNETIC STOPS NEW

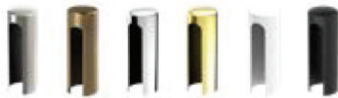


glossy chrome, chrome satin, glossy brass, colourless, white semi-matt, black semi-matt



We assemble the magnetic door stop in a special place milled for this purpose on our own. Product delivered as a separate assortment.
Caution (important information in case of underfloor heating): the floor element should be placed in the $\varnothing 14$ mm hole, 45 mm deep.

METAL CAPS FOR HINGES



Brushed nickel, patina, glossy chrome, glossy brass, white matt and black matt

Available casings:

- for Herse/Fortecca $\varnothing 16$, length 47 mm in colours: brushed nickel, patina, chrome gloss, brass gloss, white and black
- Hyperion, Leda $\varnothing 16$, length 64 mm in chrome matt and black colours
- for interior leaves $\varnothing 15$, length 47 mm in colours: brushed nickel, patina, chrome gloss, brass gloss, white and black

VENTILATION



Square and round metal sleeves



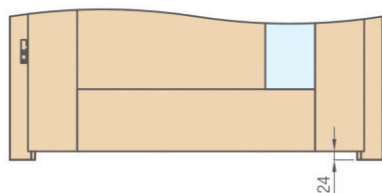
Plastic woodgrain sleeves for STILE panelled doors for GREKO, PREMIUM and CPL decors



Grilles

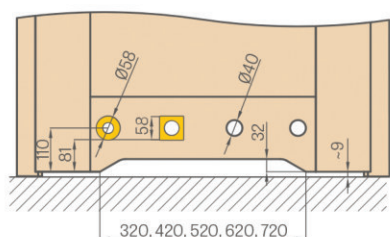
VENTILATION FOR AIR TIGHT HOMES

Door undercut – a door is cut at the bottom by 15 mm along its full width. According to standard, doors have to allow a gap of approx. 9 mm above a final floor covering, so a total air gap, including the door undercut, is approx. 24 mm.



VENTILATION

Air gap undercut is not available in non-rebated doors for wall-mounted and pocket sliding doors.



ELECTRIC DOOR STRIKE

(available for fixed and adjustable door frames for rebated and non-rebated doors but unavailable for the door frames used with the GRAF glass panes and double doors)



Types of electric door strikes:

- basic 12 V
- basic 24 V
- switch operated 12 V
- switch operated 24 V
- reverse 12 V
- reverse 24 V

BASIC

SWITCH OPERATED

REVERSE

- normally closed, and opened when voltage is fed
- same operation as in the basic strike, but with an option to be switched off by moving the springbolt
- closed when voltage is fed, opened when not

The reverse and switch operated electric door strikes unavailable for the fire doors

CUTTING THE DOOR LEAVES

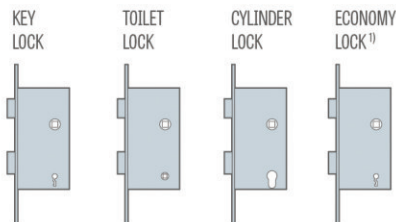
Cutting the door leaves to size by customer acc. to Polish standard, up to 50 mm, or up to 80 mm for the HERSE SET door leaves (unless pre-cut), as well as in the flush doors, is possible if an additional lower rail has been fitted by the manufacturer.

(NOTE: cutting the door leaves to size by customer is not allowed for the FRAGI doors, double and fire doors, non-rebated leaves for sliding systems, glass GRAF doors, FORTECCA RC2 and FORTECCA RC3 burglar-proof doors, and panelled doors acc. to the CZ standard).

The door leaf height made acc. to the so-called CZ standard is lower than the PL standard by 47 mm.

Leaf type	Handle height as per PL standard (measured from the bottom edge of the door) [mm]
STILE rebated leaves	1107
STILE non-rebate door leaves	1110
rebated flush doors	1110
non-rebated flush doors	1110
reverse flush door	1110
Graf glass doors	1131
FORTECCA RC2 & RC3 doors	1038
Herse, Herse Akustic doors	1107
Herse door with a strip lock	1033
Herse United door	1117
Leda EI30, EI60 door	1115
Hyperion EI30 RC2 door	1033

HARDWARE – LEVER TUMBLER LOCKS



LOCK PZ CENTRES:

- The magnetic lock PZ centres:
 - for keys, toilet doors: 90 mm
 - for lock cores: 85 mm
 - (non-rebated door leaves with a magnetic lock and reversed swing doors)
- The lever tumbler lock PZ centres:
 - for keys, toilet doors, lock core: 72 mm
 - (rebate door leaves and non-rebated door leaves with optional lever tumbler locks)

The toilet locks have a square-shaped bolt hole:

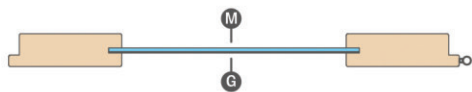
- acc. to PL standard: 4 mm
- acc. to CZ standard: 6 mm

¹⁾ lock provided without a keyhole in the leave

STANDARD "OBSERVE" GLAZING



"REVERSE" GLAZING MADE TO ORDER



G plain side **M** matt side with decoration or colourless side with decoration

FROSTED and BLACK VSG 221, 331, 441 LAMINATED GLASS for STILE panelled doors and flush doors



CLEARANCE UNDER DOOR LEAF AFTER INSTALLATION

Please check the lower clearance dimensions on all products prior to installation, as the allowable deviation due to frame dimensional tolerance is ± 3 mm

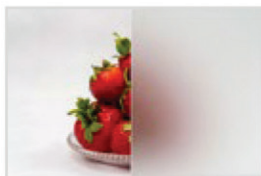
GLAZING TRANSLUCENCY ILLUSTRATION



GRAF 1 tempered, painted glass



GRAF 12 tempered, painted glass



GRAF 8 decormat



GRAF 9, clear



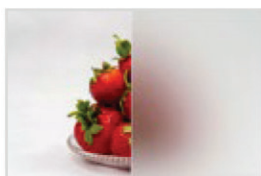
GRAF 26 dark grey



GRAF 29 laminated glass



GRAF 11 decormat graphite



Tempered glass decormat frosted



VSG black or VSG/ESG



VSG frosted or VSG/ESG

FACTORY-DRILLED HANDLE OPENINGS



Factory-drilled handle opening in panelled doors for handles with separate escutcheons available from Erkado.

NON-REBATED & REVERSE HARDWARE



Concealed hinge



Magnetic catch



adjustable magnetic catch strike



Concealed hinge, black



Magnetic lock, black



adjustable magnetic catch strike, black



Concealed hinge, golden

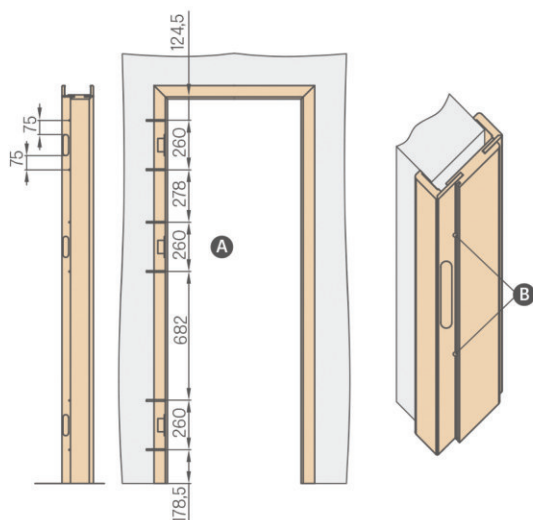


Magnetic lock, golden



Adjustable magnetic catch strike, golden

INSTALLATION OF FRAME FOR NON-REBATED DOOR FRAMES



A Drill holes for metal screws of min length 80 mm x $\varnothing 6$ mm

B Apart from installation foam, mounting anchors are required when installing the door frame. Drill the holes for screws under the gasket so that it hides them.