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INTERIOR ENTRANCE doors

Everyone needs a feeling of security – particularly at home. Solid entrance doors, which protect our apartment against unbidden guests, are an important position in the Porta KMI Poland offer.

We offer four types of entrance doors: AGATE, OPAL, QUARTZ and GRANITE. Technical parameters of each of the above mentioned door type differ, though, generally, they meet all specifications of the entrance doors. This has been confirmed by the appropriate Technical Approvals as well as practical and carefree use of the hundred thousand of the fabricated doors of this type.

An important feature of Porta entrance doors consists in that they are offered as a set comprising a leaf with an adjusted metal door frame complete with 2nd European norm ENV or "C" class furniture.

AGATE – new color!
OPAL – new color!
QUARTZ – new color!
GRANITE – new color!

Enjoy the quality!



AGATE Plus, OPAL Plus



The use of sheet aluminum for door construction has allowed an exceptional resistance of AGATE and OPAL doors for adverse impact of specific service conditions specific for the staircase such as temperature and humidity fluctuations. OPAL doors are characterized by acoustic insulation 33 dB and 2nd class burglary protection properties according to the European ENV standard – provided that they are installed in a special PORTA metal frame, with a stainless steel threshold, 2nd ENV class handle with escutcheon and a patented lock cylinder of at least 4th ENV class.



(door leaf + door frame + metal threshold)



flat

pattern 2

pattern 3

pattern 4

pattern 6

pattern 7

pattern 8

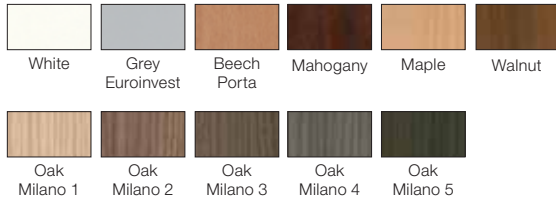
pattern 9

AVAILABLE COLORS

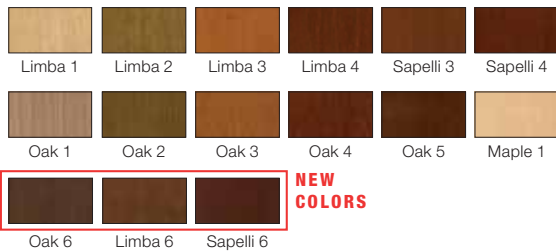
PVC veneer (flat and slot-milled) ★★★★★☆



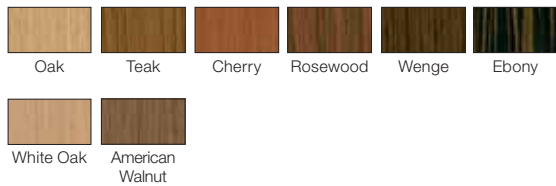
HQ CPL veneer (flat) ★★★★★☆



Standard natural veneer ★★★★★☆



Select natural veneer (flat with vertical wood grains) ★★★★★☆



DOOR LEAVES – CROSS-SECTIONS



perforated chipboard + aluminium board

DOOR LEAF CONSTRUCTION

The door leaf consists of a finger jointed softwood frame filled with reinforced perforated chipboard, and covered from both sides with composite boards of aluminum and HDF

LEAF EDGE PROFILE

Both side edges and higher part are covered with skirting tape in the color of the door leaf. For doors veneered with CPL HQ both side edges and the upper edge of the leaf covered with 1 mm thick ABS tape of the same color as the door. The leaf itself is made in the rebate version.

FINISHING

The leaf is veneered with HQ CPL laminate 0.2 or 0.7 mm thick, natural veneer (flush door leaves only) or PVC veneer (flush and slot-milled).

MODELS

Single leaf: flush and slot-milled.

ACCESSORIES – included in the leaf price (AGATE Plus)

- One or two locks with rectangular dead bolt for cylinder inserts
- Three pintle hinges
- Eye-viewer in silver color
- Threshold made of stainless steel
- Door frame

ACCESSORIES – included in the leaf price (OPAL Plus)

- 4-point lock for 2 cylinder inserts
- Three pintle hinges
- Three anti-lever security bolts
- Silver eye-viewer
- Stainless steel threshold
- Door frame

LEAF SIZES (page 155, table 3)

„80“, „90“, „100“

RECOMMENDED DOOR FRAME

- Angle-bar metal door frame is made of profile 100 mm wide and made of steel. Coated on both sides with 1.2 mm (AGATE) or 1.5 mm (OPAL) thick zinc layer. Is equipped with: 3 pintle hinges, circumferential rubber gasket, six assembly dowels (OPAL only). The frame is covered with powder paint in one out of standard colors: white (RAL 9016), grey (RAL 7047), cream (RAL 1001), brown (RAL 8028).

Door frame is available in two versions:

- for setting in the ready floor – level “0”
- for cementing in the floor – level “30”
- PROJECT door frame (page 144)

NOTES

- Preparation for shortening (by 60 mm max.)
- Acoustic insulation class $R_w = 32$ dB (range 32 ÷ 36 dB).

ADDITIONAL CHARGES (option)

„100“ size

cylinder inserts

handle with escutcheon, upper lock board (page 148)

installation dowels (AGATE door frame – 6 pcs)

the frame section from 80 to 100 mm free of charge

expanding the frame section from 101 to 150 mm

expanding the frame section from 151 to 270 mm

expanding the frame section from 271 to 390 mm

QUARTZ



The multi-layer construction of the QUARTZ door leaf ensures 30 minute fire resistance, smoke-tightness of Sa, Sm class and 34 dB sound insulation. The sheet aluminum inserted in the leaf construction makes the door exceptionally resistant to adverse service conditions on the staircase.



(door leaf + door frame + metal threshold)



flat pattern 2 pattern 3 pattern 4 pattern 6 pattern 7 pattern 8 pattern 9

AVAILABLE COLORS

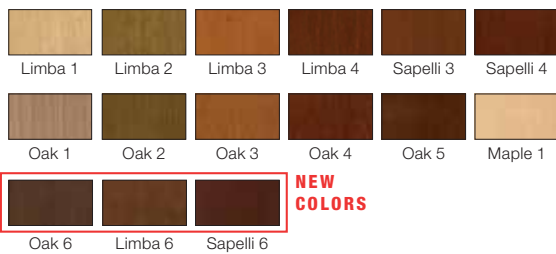
PVC veneer (flat and slot-milled) ★★★★★☆



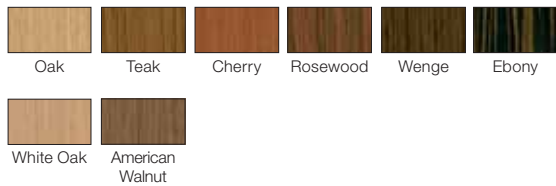
HQ CPL veneer (flat) ★★★★★☆



Standard natural veneer ★★★★★☆



Select natural veneer (flat with vertical wood grains) ★★★★★☆



DOOR LEAVES – CROSS-SECTIONS



fire-resistant perforated chipboard + aluminium board

DOOR LEAF CONSTRUCTION

The door leaf consists of a finger jointed softwood frame filled with multilayer fire resistant chipboard core and covered from both sides with composite boards of aluminium and HDF.

LEAF EDGE PROFILE

Both side edges and higher part are covered with skirting tape in the color of the door leaf. For doors veneered with CPL HQ both side edges and the upper edge of the leaf covered with 1 mm thick ABS tape of the same color as the door. The leaf itself is made in the rebate version.

FINISHING

The leaf is veneered with HQ CPL laminate 0.7 mm thick, natural veneer (flat door leaves only) or PVC veneer (flat and slot-milled).

MODELS

Single leaf: flat and slot-milled. Three types (type I; II and III), depending on the complexity of the lock structure.

ACCESSORIES – included in the leaf price

- Rectangular bolt lock for a patented cylinder (QUARTZ type I)
- Two mortise locks with rectangular bolts, for a patented cylinder (QUARTZ type II)
- 4-point mortise lock for two patented cylinders and three anti-leverage security bolts (QUARTZ type III)
- Three reinforced, silver pintle hinges
- Wide-angle, silver eye-viewer (optional)
- Thermo-swelling seal in the leaf groove
- Door frame with a standard, stainless steel threshold (90 mm)

LEAF SIZES (page 155, table 3)

„80“, „90“, „100“

DOOR FRAME

- Angle-bar metal door frame is made of profile 100 mm wide. Is made of steel, coated on both sides with 1.5 mm thick zinc layer. The frame is covered with powder paint in one out of standard colors: white (RAL 9016), grey (RAL 7047), cream (RAL 1001), brown (RAL 8028). It is equipped with: 3 pintle hinges standard, circumferential thermoswelling seal, threshold made of stainless steel (90 mm) and a bracket for the automatic closing mechanism. Moreover the frame is provided with: QUARTZ I striker for one lock; QUARTZ II striker for two locks; QUARTZ III striker for four point strip lock, 6 dowels and holes for anti-unhinging bolts.

Door frame is available in two versions:

- for setting in the ready floor – level “0”
- for cementing in the floor – level “-30”

- PROJECT door frame (page 144)

NOTES

- Preparation for shortening (by 60 mm max.).
- To meet the Technical Approval requirements, QUARTZ doors need to be equipped with a self-closing device.
- Acoustic insulation class $R_w = 32$ dB (range 32 ÷ 36 dB).

ADDITIONAL CHARGES (option)

„100“ size

cylinder inserts

handle with escutcheon, upper lock board

(page 148)

the frame section from 80 to 100 mm

free of charge

expanding the frame section from 101 to 150 mm

expanding the frame section from 151 to 270 mm

expanding the frame section from 271 to 390 mm

GRANITE



We offer two types of Granite doors:

- type I with burglary resistance class "C" and 3rd ENV class of Acoustic Insulation $R_w = 36 \text{ dB}$ – guarantees safety and protection against noise.
- type II has additional fire resistance of 30 min (EI 30) and smoke-tightness of S 60 – this is an additional guarantee of protection against the fire effects, particularly against asphyxiation.



(door leaf + door frame + handle with escutcheon + cylinder inserts)



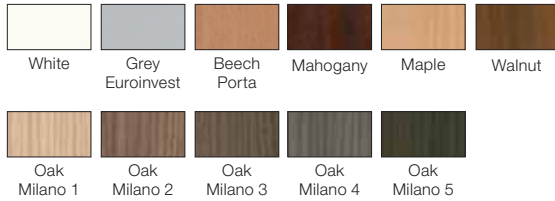
flat pattern 2 pattern 3 pattern 4 pattern 6 pattern 7 pattern 8 pattern 9

AVAILABLE COLORS

PVC veneer (flat and slot-milled) ★★★★★☆



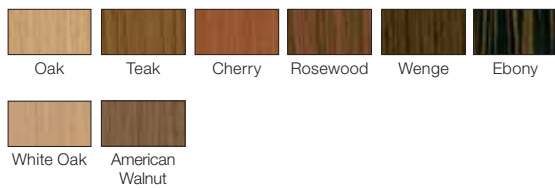
HQ CPL veneer (flat) ★★★★★☆



Standard natural veneer ★★★★★☆



Select natural veneer (flat with vertical wood grains) ★★★★★☆



DOOR LEAVES – CROSS-SECTIONS



perforated chipboard + steel bars + aluminium board

DOOR LEAF CONSTRUCTION

The door leaf consists of a finger jointed softwood frame filled with special construction Porta with inner steel bars, covered from both sides with composite boards of aluminium and HDF.

LEAF EDGE PROFILE

Both side edges and higher part are covered with skirting tape in the color of the door leaf. For doors veneered with CPL HQ both side edges and the upper edge of the leaf covered with 1 mm thick ABS tape of the same color as the door. The leaf itself is made in the rebate version.

FINISHING

The leaf is veneered with HQ CPL laminate 0.7 mm thick, natural veneer (flush door leaves only) or PVC veneer (flush and slot-milled).

MODELS

Single leaf: flush and slot-milled.

ACCESSORIES – included in the leaf price

- Multi-bolt mortise lock
- Two anti-burglary „C“-class cylinders
- Handle with anti-burglary escutcheon
- Upper escutcheon
- Three reinforced, silver pintle hinges
- Four anti-leverage security bolts
- Silver eye-viewer (optional)
- The lock, cylinder and escutcheon used are „C“-class certified
- The leaf may be shortened by 60 mm maximum
- Additionally: type II – thermo-swelling seal on side and upper edges (except for the lower edge)
- Door frame is equipped with a wider type of a stainless steel threshold (120 mm).

LEAF SIZES (page 155, table 3)

„80“, „90“, „100“

DOOR FRAME

- Angle-bar metal door frame is made of profile 100 mm wide. Is made of steel, coated on both sides with 1.5 mm thick zinc layer and equipped with: fire-proof gasket, 8 dowels, threshold made of stainless steel (120 mm). The frame is covered with powder paint in one out of standard colors: white (RAL 9016), grey (RAL 7047), cream (RAL 1001), brown (RAL 8028).
- Door frame is available in two versions:
- for setting in the ready floor – level “0”
 - for cementing in the floor – level “-30”.
- PROJECT door frame (page 144)

NOTES

- To meet the Technical Approval requirements, 30-minute fire retardant doors need to be equipped with a self-closing device.
- Acoustic insulation class $R_w = 32$ dB (range 32 ÷ 36 dB).

ADDITIONAL CHARGES (option)

„100“ size

the frame section from 80 to 100 mm

free of charge

expanding the frame section from 101 to 150 mm

expanding the frame section from 151 to 270 mm

expanding the frame section from 271 to 390 mm