**DucoDoor Louvre**

Manufacturer: Duco 'Ventilation & Sun Control

DucoDoor Louvre is a ventilating louvre door or false louvre door in a louvre wall system with specific requirements for burglar resistance and/or draught freedom.

## Properties:

* Louvre type:

o Choice of almost complete DucoWall range, details on request.

o Optional in door leaf: DucoGrille Solid 30Z, punched (P1 or P2) or non-punched (NP).

* Burglary resistance:

Optional version: burglar-resistant RC2 (complies with EN 1627:2011 & NEN5096+C2:2011) always with DucoGrille Solid 30Z NP or 30Z P1, or non-burglar-resistant.

* Door frame:

Doorframe profile with mitred corner joints and rubber seal.

Incomplete frame frame (= execution on drawing) or complete frame frame: if incomplete, the bottom frame profile is replaced by flat profile 60 x 5 mm (can be removed after assembly).

* Door leaf:

Door frame profile with mitred corner joints and groove on the inside in which the DucoGrillle Solid 30Z blade can be fitted.

* Door type: Single or double doors possible.
* Direction of opening: External or internal opening (reinforced only possible with external opening).
* Version: Left and right.
* Height:

o Door frame height: Burglary resistant: min. 2050 mm up to max. 2900 mm.

Non-burglary resistant: min. 1500 mm up to max. 2900 mm.

o Useful height: Incomplete frame: Frame height - 67 mm.

Full frame: Frame height - 135 mm.

o Door leaf height: Incomplete frame: frame height - 63 mm.

Full frame: frame height - 108 mm.

* Width:
* Door frame width: Single door

Minimum from 760 mm (depending on surface-mounted blade). Maximum 1600 mm.

Double door

Minimum from 1420 mm (depending on surface-mounted blade).

Maximum 3100 mm.

o Useful width: Door frame width - 135 mm.

o Door leaf width: Door frame width - 108 mm.

* Hinges:

Stainless steel hinges, which in the RC2 version are fitted with a thief claw 3 pieces if door leaf height >2300 mm or door leaf width >1250 mm, if not 2 pieces.

Allows opening angles up to 180°.

* Pull cable:

Diagonal stainless steel pull cable available on the inside of the door as soon as 3 hinges are required.

- Lock height (SH): Standard height 1064 mm and can be adjusted per step of the top curtain.

* Lock:
* Cylinder lock (with 3 keys).
* Multi-point lock for doors higher than 2.3 m and/or burglar-resistant version.
* Hand protection:
* Locking plate on the lock side of the door.
* o Lock shield plate opposite the lock plate.
* Frame attachment:
* External docking.
* Internal diving.
* Corner connections.
* Door fittings:

L-shaped or round stool on the inside and outside for non-burglary doors. Combinations with fixed handle for burglar-resistant doors.

* Visual free passage:

Depending on the chosen surface-mounted slat and the possible presence of the DucoGrille Solid 30Z blade in the door leaf.

Physical free passage:

Depending on the selected surface-mounted slat and the possible presence of the DucoGrille Solid 30Z blade in the door leaf.

* Material:
* Aluminium: Al Mg Si 0.5.
* Plastic: Polyamide PA 6.6 - glass fibre reinforced.
* Rubber seal: TPE.

## Options:

* Stainless steel mesh: 2.3 x 2.3 mm against insects, 6 x 6 mm, 10 x 10 mm or 20 x 20 mm against vermin.
* Multi-point locking for door frame heights <2300 mm if non-RC2 version.
* Door closer.
* Door stop limiter.

## Surface treatment:

* Anodising in accordance with QUALANOD.
* Powder-coated coated polyester according to QUALICOAT.

## Functional characteristics:

* Flow rate:
* K-factor suction: depending on blade.
* K-factor discharge: depending on louvre.