



ACOUSTIC

# POL-SKONE

# SR 37 dB

Technical Approval no AT-15-7560/2013



Acoustic insulation:  
 Rw=37 dB, single leaf door with a threshold  
 Rw=32 dB\*, double leaf door with a drop seal

## PURPOSE:

The doors are designed for use as internal entrance doors. They are used to close openings in internal walls, between staircases or corridors and rooms.

## SPECIFICATIONS:

- Acoustic insulation: the single leaf type:  $R_w = 37$  dB; the double leaf type:  $R_w = 32$  dB (the doors are offered for custom design projects).
- Mechanical class: mechanical resistance requirement class 4, i.e. very heavy service conditions

## DOOR DIMENSIONS:

### Fixed or adjustable wooden door frame:

Single leaf door, dimensions: max. door width: "100" – 1112 mm, max. height: 2175 mm

Double leaf door, dimensions: max. door width: "100"+"100" – 2152 mm, max. height: 2175 mm

## DOOR LEAF STRUCTURE:

Rebated system door leaf. The door leaf structure consists of a rail and stile set made of coniferous wood, topped with MDF board on both sides. The core is a special Pol-Skone design. The rated door leaf thickness is 50 mm for the 37 dB version, 57 mm for the 32 dB version.

## DOOR LEAF FINISH:

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm HPL laminate, wood look-alike foil. Flat decors, decors made of decorative profile mouldings, aluminium decors and decorative milled flutes are available (upon consultation with the POL-SKONE sales department).

\*  $R_w$  (C;Ctr) = 35 (0;-1) dB the specific acoustic insulation coefficient for the door width "100" + "100" (test report no 0750/13/R60NA)

## DOOR FRAMES:

**Fixed pine wood frame** - optionally provided with masking strips and a shoe moulding or an adjustable wooden frame with widening panels, architraves and a masking strip.

The door frame can be painted, veneered or covered with a foil matching the colour of the door leaf.

## ACCESSORIES AND EQUIPMENT:

### **Standard Equipment:**

- Pivot hinges, adjustable in 3 planes, from OTLAV
- Cylinder lock
- Oak threshold with an aluminium strip preventing excessive wear and tear - single leaf door, double leaf door drop seal

### **Auxiliary Equipment:**

- Surface-mounted or hidden door closer – p. 24
- Additional mortise or surface-mounted lock
- Averse action the 1700 series type electric strike lock from JIS or reverse action the 1711 series type action electric strike lock from JIS
- Surface-mounted solenoid keepers from ASSA ABLOY, DORMA or GEZE
- Wide-angle viewer
- Rigid, loose chain
- Cylinders

## DOORS INSTALLATION:

Doors are installed by means of a fitting foam.

flush



flush

