



DOOR

SAPA 2086

HIGHLY INSULATED DOOR SYSTEM WITH HIGH THERMAL PERFORMANCE

SAPA 2086 is a highly insulated door system with a low U-value developed with a clear focus on energy and performance. The system is excellent for exterior doors in modern high demand buildings.

Performance

- SAPA 2086 is excellent for exterior doors in modern buildings with high standards.
- Profile depth 86 mm.
- Insulated with 42 mm fiberglass reinforced polyamide strips.
- For optimal energy performance, use door 2086 SX with insulating bars Sapa Thermo 9 in the profiles.
- Door leaf profiles are available for narrow and modular locks and with a pinch-free rear edge.
- Adapted for the markets most common locks.
- Rebate for glass and infill panels 20–64 mm.
- Outer glazing bead is integrated in the profile for asymmetrically placed glass.
- The doors can easily be connected to our facade system Sapa 4150, 5050 SG and fixed partition 3086.

Thermal performance

- $U_d = 1,2 \text{ W/m}^2\text{K}$ ($U_g = 0,7 \text{ W/m}^2\text{K}$), (B x H) 1230 x 2180 mm, single door (Standard).
- $U_d = 1,1 \text{ W/m}^2\text{K}$ ($U_g = 0,7 \text{ W/m}^2\text{K}$), (B x H) 2343 x 2180 mm, double door (Standard).

Thermal performance: U_d -value: as low as 1,1 W/m²K for double door (Standard). U_d -value: as low as 0,8 W/m²K for double door (SX)

Air permeability: up to class 4 according to EN 12207 (Sapa 2086 Extreme)

Watertightness: up to class 9A according to EN 12208 (Sapa 2086 Extreme)

Wind resistance: up to C3 according to EN 12210 (Sapa 2086 Extreme)

Glass rebate: 20–64 mm

Safety: RC2 and RC3 according to EN 1627

Max recommended door leaf weight: 200 kg

Sealing performance

- Unclassified (Standard)

Acoustic Performance

- Sound reduction $R_w = 44\text{dB}$.

Safety

- Burglary protection RC2 and RC3 according to EN 1627.

Design

- Inward and outward doors.
- Single-, double- and meeting door as well as sliding- and folding door.
- Most door variants can be combined with side and / or toplights.
- Integrated automatic sliding doors in single and double-leaf design with 74 mm deep profiles.
- With reinforced rebate, integrated glazing bead and infill panel (attic corridor door).
- With detachable reinforced rebate for outward opening door.

sapa:

By  Hydro

