



FOLDING DOOR

SAPA 1086 FD

HIGHLY INSULATED FOLDING DOOR WITH LOW U-VALUE

SAPA folding door 1086 FD is based on a proven and stable construction with 86 mm deep profiles allowing large openings up to 7 foldable door leaves. The integrated hinges and hidden fittings provide a stylish design.

Performance

- SAPA folding door 1086 FD is available in inward- or outward design and is based on a stable construction with 86 mm deep profiles.
- It's insulated with 42 mm fiberglass reinforced polyamide strips for a low u-value.
- Available for large openings with up to 7 foldable door leaves.
- Exclusive hinge function integrated in the profile.
- Glazing thickness: 20–56 (64) mm.
- Max leaf width: 1100 mm.
- Max leaf height: 2750 mm.
- Max leaf weight: 100 kg.

Thermal performance

- U-value down to 0.9 W/m²K (U_g = 0.5 W/m²K, size 3500 x 2460 mm, 3-split).

Sealing performance

- Air permeability: Class 4 according to EN 12207.
- Water tightness: 3A or 9A depending on the design.
- Wind load: C2 or depending on section height.

Design

- As 3-, 4-, 5-, 6- or 7-split, inward- or outward opening.
- A selection of three thresholds.
- Possibility to integrate side or top lights.
- Integrated hinges and hidden fittings.

Minimize the CO₂ footprint

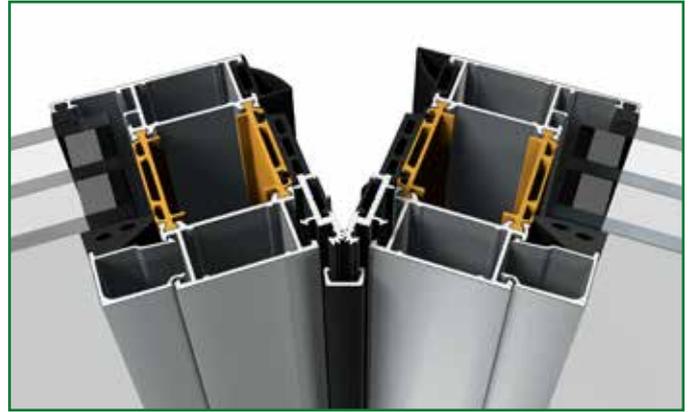
SAPA's products are made of aluminum with a low carbon footprint. At present, our entire product range consists of the Hydro CIRCAL alloys, made from recycled aluminum from post-consumer scrap and Hydro REDUXA, aluminum made from renewable energy. Read more about this at www.sapa.lt

Thermal performance: down to 0.9 W/m²K (U_g = 0.5 W/m²K, size W 3500 x H 2460 mm, 3-split)
Air permeability: Class 4 according to EN 12207
Water tightness: 3A or 9A depending on design
Wind load: Class C2 or C3 depending on section height
Glass thickness: 20–56 (64) mm
Max leaf size: leaf width: 1100 mm, leaf height: 2750 mm
Max leaf weight: 100 kg

sapa:

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Applications



Exclusive from SAPA

As experts on aluminium profiles we've developed a smart and invisible hinge function in the profile.

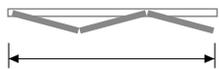
Combinations

Frame measurement with high treshold: height = max 2785 mm

Frame measurement with low treshold: height = max 2785 mm

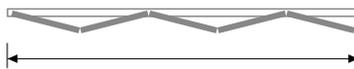
Unlimited height with high treshold: frame outer dimensions – 138 mm

Unlimited height with low treshold: frame outer dimensions – 82 mm



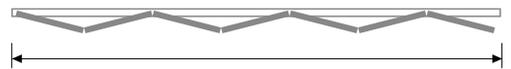
Frame outer dimension:
max width 3508 mm

Unlimited opening width:
frame outer dimension – 487 mm



Frame outer dimension:
max width 5734 mm

Unlimited opening width:
frame outer dimension – 696 mm



Frame outer dimension:
max width 6600 mm

Unlimited opening width:
frame outer dimension – 905 mm



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