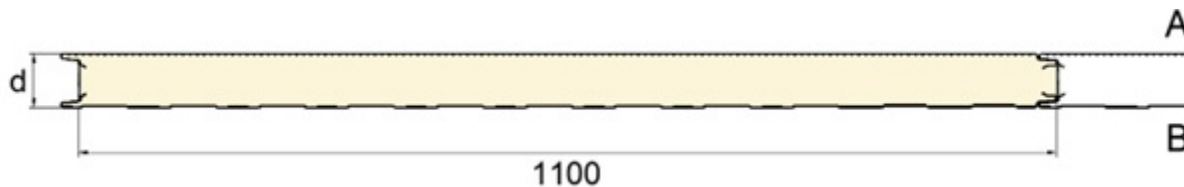


TECHNICAL DATA SHEET

SAB Sandwich Wall panels FM Approved (W-FA 40-100)



Thickness	Weight*	U-value	Reaction to fire	Sound insulation
40 mm	9,11 kg/m ²	0,51 W/m ² K	B-s2, d0	26dB
60 mm	9,91 kg/m ²	0,34 W/m ² K	B-s2, d0	26dB
80 mm	10,71 kg/m ²	0,26 W/m ² K	B-s2, d0	26dB
100 mm	11,51 kg/m ²	0,21 W/m ² K	B-s2, d0	26dB

*outer skin steel 0,50 mm
Inner skin steel 0,40 mm

STEEL GRADE

Yield strength minimum 280 N/mm², zinc layer can be Z, AZ, ZA or ZM.

CORE MATERIAL

Fire safe, CFC-, HCFC- and fibre-free polyisocyanurate foam (PIR) with a closed cell structure.

WIND AND WATER TIGHTNESS

$q_{v,10} = 0,130 \text{ dm}^3/\text{s}$ according EN 12114

Class B according EN 14509

SUSTAINABILITY

Environmentally relevant product information is published on the [SAB-website](https://www.sabprofiel.nl).

QUALITY CONTROLE

Factory production control according EN 14509 and additional voluntary external production control.

SPANS

Depend on wind loads, deflection limitations and safety factors.

See our SAB-brochure for more information.

STANDARDS

FM approved, according 4880 and 4881 without height limitations

Production according ISO 9001, ISO 14001, ISO 45001 and BES 6001

CE-marking and Declaration of Performance according EN 14509

Tolerances according PPA-Europe Quality Regulations

U-value according EN 14509 including impact of the joint

Steel thickness: EN 10143 is used as a basis for the gauge tolerances, applied to the steel core only and excluding zinc layer and organic coating.

IJsselstein, August 2026



European Association for
Panels and Profiles



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