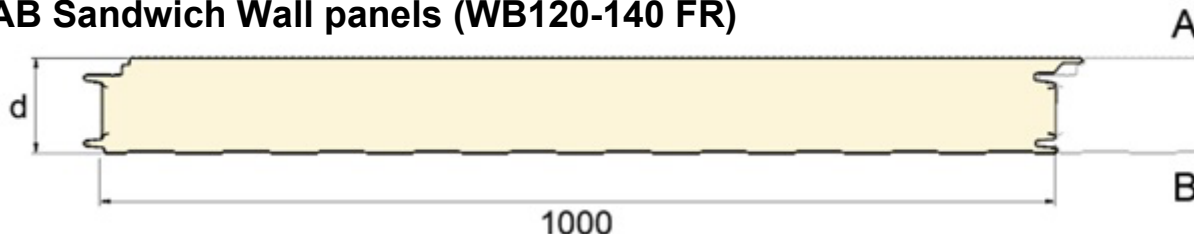


TECHNICAL DATA SHEET

SAB Sandwich Wall panels (WB120-140 FR)



With Factory applied intumescent sealant + site applied fire resistant kit in the joints

Thickness	Weight*	U-value	Fire resistance	Reaction to fire	Sound insulation
120 mm	12,90 kg/m ²	0,18 W/m ² K	EI30	B-s2, d0	26dB
140 mm	13,70 kg/m ²	0,15 W/m ² K	EI30	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.

FIRE RESISTANCE

Class EI30 according EN 13501-2.

For additional facilities and information regarding fire resistance, see the [SAB-website](https://www.sabprofiel.com)

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 (EPD) are published on www.sabprofiel.com.

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

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, January 2026