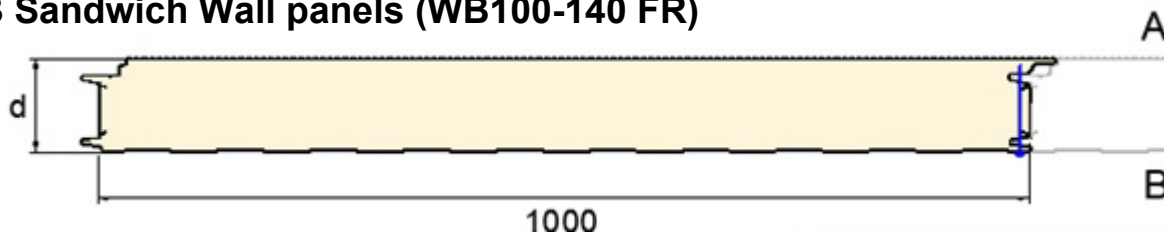


## TECHNICAL DATA SHEET

### SAB Sandwich Wall panels (WB100-140 FR)



Firesafe screw every 333 mm

Thickness	Weight*	U-value	Fire resistance	Reaction to fire	Sound insulation
100 mm	12,10 kg/m <sup>2</sup>	0,21 W/m <sup>2</sup> K	EW30	B-s2, d0	26dB
120 mm	12,90 kg/m <sup>2</sup>	0,18 W/m <sup>2</sup> K	EW30	B-s2, d0	26dB
140 mm	13,70 kg/m <sup>2</sup>	0,15 W/m <sup>2</sup> K	EW30	B-s2, d0	26dB

\*Outer skin steel 0,50 mm  
Inner skin steel 0,40 mm

#### STEEL GRADE

Yield strength minimum 280 N/mm<sup>2</sup>, 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 EW30 according EN 13501-2.

For additional facilities and information regarding fire resistance, see the [SAB-website](#)

#### 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 are published on [SAB-website](#)

#### 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, June 2025