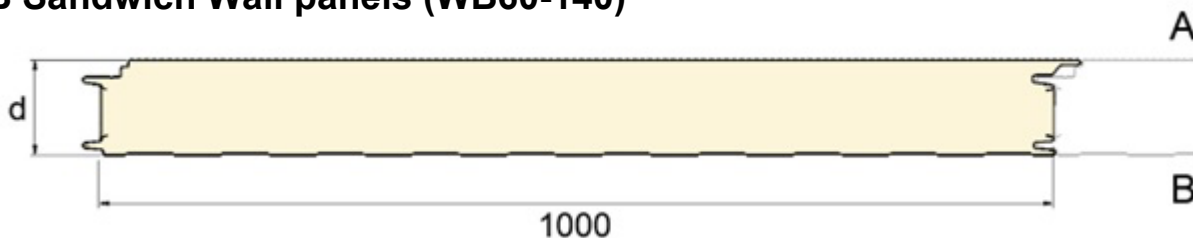


TECHNICAL DATA SHEET

SAB Sandwich Wall panels (WB60-140)



| Thickness | Weight* | U-value | Reaction to fire | Sound insulation |
|-----------|-------------------------|-------------------------|------------------|------------------|
| 60 mm | 10,50 kg/m ² | 0,36 W/m ² K | B-s2, d0 | 26dB |
| 80 mm | 11,30 kg/m ² | 0,27 W/m ² K | B-s2, d0 | 26dB |
| 100 mm | 12,10 kg/m ² | 0,21 W/m ² K | B-s2, d0 | 26dB |
| 120 mm | 12,90 kg/m ² | 0,18 W/m ² K | B-s2, d0 | 26dB |
| 140 mm | 13,70 kg/m ² | 0,15 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 (EPD) are published on www.sabprofil.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

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