

TECHNICAL DATASHEET

SAB-Carrier Sandwich Wall panels W M8L

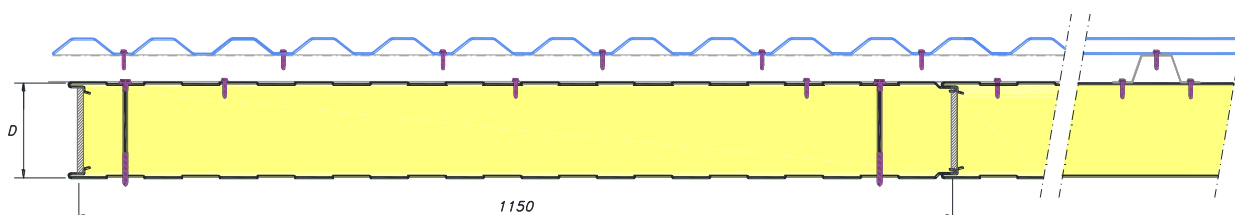
APPLICATION

The SAB-Carrier sandwich panels are designed to serve as a support structure for the SAB wall cladding profiles. In this way a building is quick and easily insulated and wind- and waterproof. As an outside finish, every possible SAB type of wall cladding can be mounted.

APPROVAL

To get an approval for applying an SAB-Carrier sandwich panel, the following information must be submitted to SAB:

- Facade drawings, including detailed descriptions.
- Mounting and fixing plan of the panels, the sub-construction (for example omega's) and the wall cladding.
- Conditioning of the supporting structure (chosen coating systems, ventilated cavity)
- Wind load and specified safety factor



Thickness	Weight*	U-value	Reaction to fire	Sound insulation
80 mm	12,19 kg/m ²	0,26 W/m ² K	B,s2,d0	26dB
100 mm	12,99 kg/m ²	0,21 W/m ² K	B,s2,d0	26dB
120 mm	13,79 kg/m ²	0,17 W/m ² K	B,s2,d0	26dB
150 mm	14,99 kg/m ²	0,14 W/m ² K	B,s2,d0	26dB

*Outer skin steel 0,63 mm
Inner skin steel 0,45 mm

STEEL GRADE

S-320 GD+Z / ZM / ZA / AZ

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

Resistance to driving rain: Class B according EN 14509

SUSTAINABILITY

Environmentally relevant product information (MRPI and EPD) are published on www.sabprofil.nl

STRENGTH AND STIFFNESS

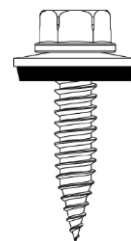
The maximum span depends on the wind load, deflection limitations and safety factors.

Our Product Services department can advise you in this.

FIXATION

For the fixing of the omega profiles in the outer skin of the SAB-Carrier panels an **EJOT® JF3-2-5,5 x 25 – E16** fastener needs to be used. The omega profiles should always be pre-drilled.

Minimum number and position of the fasteners according to SAB calculation.



STANDARDS

Production according ISO 9001, ISO 14001 and BES 6001

CE-marking and Declaration of Performance according EN 14509

Tolerances according EPAQ Quality Regulations

U-value according EN 14509 including impact of the joint

IJsselstein, March 2019

