

PRODUCT CERTIFICATE

SAB Sandwich Wall panels FM Approved (W-FA)



Thickness	Weight [*]	Rc-value	U-value	Reaction to fire	Sound insulation
40 mm	9,93 kg/m ²	1,81 m ² K/W	0,50 W/m ² K	B, s2, d0	26dB
60 mm	10,73 kg/m ²	2,77 m ² K/W	0,34 W/m ² K	B, s2, d0	26dB
80 mm	11,53 kg/m ²	3,70 m ² K/W	0,26 W/m ² K	B, s2, d0	26dB
100 mm	12,33 kg/m ²	4,65 m ² K/W	0,21 W/m ² K	B, s2, d0	26dB
120 mm	13,13 kg/m ²	5,59 m ² K/W	0,17 W/m ² K	B, s2, d0	26dB
150 mm	14,33 kg/m ²	6,98 m ² K/W	0,14 W/m ² K	B, s2, d0	26dB

Outer skin steel 0,55 mm
Inner skin steel 0,45 mm

STEEL GRADE

S-320 GD+Z-275 / Magizinc[®] / Galvalloy[®]

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.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

FM Approved according 4880 and 4881 without height restriction

Production according ISO 9001, ISO 14001 and BES 6001

CE-marking and Declaration of Performance according EN 14509

Tolerances according EPAQ Quality Regulations

Steel grade according EN 10346

Organic coating according EN 10169

U-value according EN 14509 including impact of the joint

Reaction to fire according EN 13501-1

IJsselstein, September 2018

