

## PRODUCT CERTIFICATE

### SAB Fire-Resistant Sandwich Wall panels (W EI-30)



Thickness	Weight *	Rc-value	U-value	Reaction to fire	Sound insulation
120 mm	14,21 kg/m <sup>2</sup>	5,59 m <sup>2</sup> K/W	0,17 W/m <sup>2</sup> K	B, s2, d0	26dB
150 mm	15,41 kg/m <sup>2</sup>	6,98 m <sup>2</sup> K/W	0,14 W/m <sup>2</sup> K	B, s2, d0	26dB

Outer skin steel 0,63 mm  
Inner skin steel 0,50 mm

#### STEEL GRADE

S-350 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.com](http://www.sabprofil.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. The maximum span for the EI-30 classification is 4000 mm.

#### FIRE-RESISTANCE

A fire-resistance of 30 minutes from inside to outside (and outside to inside) according NEN-EN 13501-2.

#### STANDARDS

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, March 2018