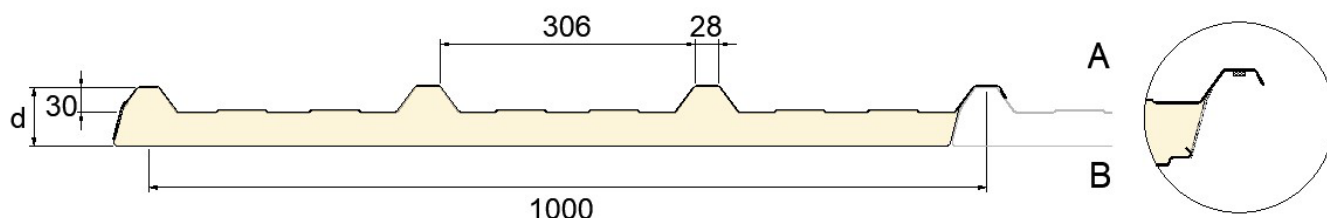


TECHNICAL DATA SHEET

SAB Sandwich Roofing panels (D-FA-TL)



Thickness	Weight*	U-value	Reaction to fire	Sound insulation
40/70 mm	9,75 kg/m ²	0,46 W/m ² K	B-roof	26dB
60/90 mm	10,55 kg/m ²	0,32 W/m ² K	B-roof	26dB
80/110 mm	11,35 kg/m ²	0,25 W/m ² K	B-roof	26dB
100/130 mm	12,15 kg/m ²	0,20 W/m ² K	B-roof	26dB
130/160 mm	13,28 kg/m ²	0,16 W/m ² K	B-roof	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.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 (D70_D160) and 4881 (D90_D160)

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, October 2025



SAB-profiel bv | Produktieweg 2, NL-3401 MG IJsselstein | Postbus 97, NL-3400 AB IJsselstein

T +31 (0)30 68 79 700 | info@sabprofil.nl | www.sabprofil.nl | KvK 30032168

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