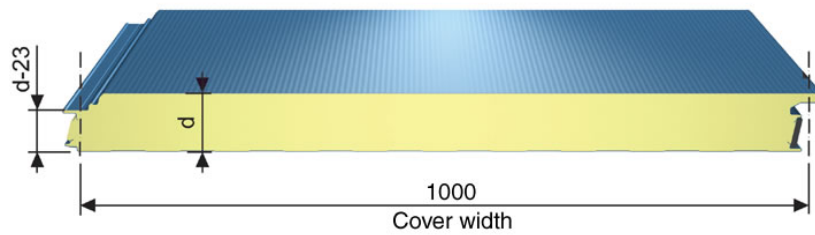
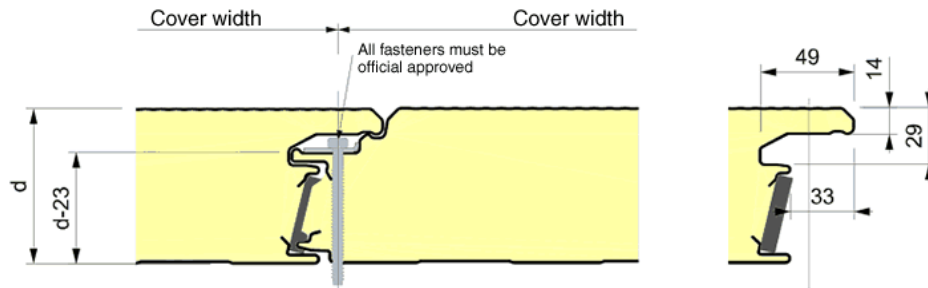


## isowand vario® Technical data



## Longitudinal joint



Element thickness	Material thickness		Max. length supplied	Weight	Thermal resistance R*	Heat transfer coefficient U*	Thermal resistance R <sub>D</sub> **	Heat transfer coefficient U**
	Outer sheet t <sub>N</sub>	Inner sheet t <sub>N</sub>						
mm	mm	mm	m	kg/m <sup>2</sup>	m <sup>2</sup> K/W	W/m <sup>2</sup> K	m <sup>2</sup> K/W	W/m <sup>2</sup> K
60				11,3	2,57	0,37	2,55	0,42
80	0,50	0,50	20	12,1	3,43	0,28	3,40	0,30
100				12,9	4,30	0,22	4,30	0,24

\* calculation acc. to EN ISO 6946

\*\* calculation acc. to EN 13 165 taking account of the joint acc. to EN 14 509

**Fire resistance**

isowand vario® is hardly inflammable when being installed (building material B-s3,d0 according to EN13501).

**Sound insulation**Sound reduction R<sub>w</sub> = 25 dB.**Air tightness of the joints**

The air tightness of the joints through the joints has been tested on an element with a thickness of 60 mm. Result:

horizontal Installed:  $a < 0,001$   
 $m^3/h \cdot m \cdot daPa^{1,0}$ vertical Installed:  $a = 0,02 m^3/h \cdot m \cdot daPa^{1,0}$

**Cover sheets:** Steel grade S 320 GD+ZA255 according to EN 10214 alloy-galvanised GALFAN® plus coating.

**Insulating core:** polyurethane (PUR) rigid foam

Profiling of cover sheet	Outer sheet	Innen sheet
microprofiled (M)	X	
v-profiled (V)	X	
Slightly profiled (L)	X	X

X= available /

#### Approval

General approval no. Z-10.4-345.

#### Ref.no. for ordering

example:isowand vario® ML 60 va

<b>isowand-vario®</b>	<b>M</b>	<b>L</b>	<b>60</b>	<b>Va</b>
	Outer shell M = micro-profiled	Inner shell L = liniert	Element thickness 60 mm	Type Vario

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