

# MetaLite WAL Board-G

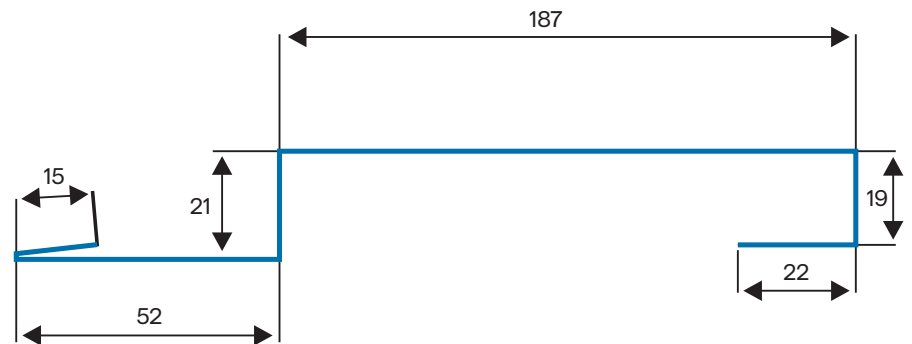
Self-supporting metal sheets with a flat profile and shadow line, suitable for wall cladding applications on all types of buildings



## Available in

Effective width 187mm | Effective length up to 8m

The specially designed joint ensures a perfect fit and create a shadow line effect.



## Technical Specifications

Effective width [mm]	Developed width [mm]	Steel weight [kg/m]	Aluminium weight [kg/m]
187	1000	1,22	0,43

The weight per linear metre was calculated based on:

- Sheet thickness 0,50 mm
- Steel density 7850 kg/m<sup>3</sup>
- Aluminium density 2750 kg/m<sup>3</sup>

# Installation



## Dimensional Tolerances

(according to the EN 14509)

Steel sheets thickness > 0.6 mm  
 Aluminum sheets thickness > 0.7 mm  
 Stainless steel sheets thickness 0.7 mm  
 Technical drawings of dimensional tolerances:  
 Annex D Standard EN508

Sheet Thickness	t	Steel Standard: EN 10143 Aluminum Standard: EN 485-4
Profile Depth	h	$h \leq 50 \text{ mm} : \pm 1,0 \text{ mm},$ $50 < h \leq 100 \text{ mm} : \pm 1,5 \text{ mm},$ $h > 100 \text{ mm} : \pm 2,0 \text{ mm},$
Rib Depth	hr vs	$hr/vs \leq 6,0 \text{ mm} : +2,0 \text{ mm} \sim -0,3*hr/vs$ $hr/vs > 6,0 \text{ mm} : +3,0 \text{ mm} \sim -2,0 \text{ mm}$
Rib Position	ha, hb, bk	$\pm 3,0 \text{ mm}$
Ribs Width And Valleys Flange Width	bo bs bu bf	Constructional : $-2,0 \text{ mm} \sim +20,0 \text{ mm}$ Functional : $-1,0 \text{ mm} \sim +2,0 \text{ mm}$ Broad flange : $\pm 2,0 \text{ mm}$
Effective width	w1, w2	$\pm 3,0 \text{ mm}$ In package : $\max w - \min w \leq 4,0 \text{ mm}$
Effective Width Difference	w3	$(w1+w2)/2-2 \leq w3 \leq (w1+w2)/2+2$
Sheet Length	l	$L \leq 3000 \text{ mm} \pm 5,0 \text{ mm}$ $L > 3000 \text{ mm} : - 5,0 \text{ mm} \sim +10,0 \text{ mm}$ In one package : $\max l - \min l \leq 6,0 \text{ mm}$
Internal Radius	r	For aluminum : $0 \text{ mm} \sim +2 \text{ mm}$ For steel : $\pm 2,0 \text{ mm}$
Straightness Deviation	$\delta$	$\leq 2,0 \text{ mm/m}$
Squareness Deviation	S	$S \leq 0,005*w$
Sheet Length	l	$-5 \text{ mm} \sim +10 \text{ mm}, L \leq 3000 \text{ mm}$ & $-5 \text{ mm} \sim +20 \text{ mm}, L > 3000 \text{ mm}$
Side Lap Deviation	D	$\leq \pm 2.0 \text{ mm}, l < 500 \text{ mm}$
Flange Deformation	fs	
Female Longitudinal Edge	s	$-1,0 \text{ mm} \sim +0,0 \text{ mm}$
Male Longitudinal Edge	buf	
Flange / Frame Angle	$\phi$	$\pm 3,0^\circ$
Transverse Curvature	f <sub>q</sub>	$\pm 0,005 \times bo$
Longitudinal Curvature	f <sub>w</sub>	$\pm 0,6 \text{ mm}, L = 200 \text{ mm} \mid \pm 1,0 \text{ mm}, L = 400 \text{ mm}$ $\pm 1,5 \text{ mm}, L = 700 \text{ mm}$