

# MetaLite WAL Tablet-F

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



## Available in

Effective width 540mm | Effective length up to to 2m, depending on project requirements

Easy and quick standardized installation

Dimensional flexibility

Resistance to weather conditions and to corrosion

Excellent aesthetic result, appearance and texture

## Technical Specifications

Effective width [mm]	Developed width [mm]	Steel weight [kg/m]	Aluminium weight [kg/m]
540	540	1,53	0,54

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

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