

LEVIAT – THERMOSHIM

Thermal break for masonry supports

REF 02.01.11 - Version V02 - 19/01/2026



Product description

Leviat Thermoshims are thermal break plates. They are specially designed for use in combination with Plaka-Korbo and Scaldex-Sumo masonry supports. These plates reduce heat transfer between the bracket and the building structure. The Thermoshim is made from durable synthetic material with a low thermal conductivity coefficient and high compressive strength.

Field of application

The Thermoshims are to be placed between the brackets of the masonry supports at one end and the concrete or steel supporting structure of the building at the other. The use of Thermoshims plates reduces heat loss through the brackets. Thermoshims can also be used as shim plates to fill the space between the brackets and the supporting structure in the event of deviating cavity widths or surface irregularities.



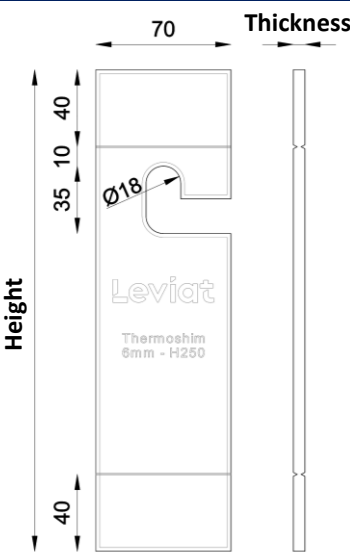
Properties

Thermal conductivity coefficient: $\lambda = 0,23 \text{ W/mK}$

Material: Nylon 6 (PA6)

Moisture and heat resistant

Dimensions

Dimensions					
Design	Code	Thickness (mm)	Height (mm)	Colour	p/box
	01TS02250	2	250	orange	1
	01TS02340	2	340	red	1
	01TS06235	6	235	white	1
	01TS06250	6	250	dark blue	1
	01TS06265	6	265	light green	1
	01TS06340	6	340	light blue	1
	01TS06425	6	425	light grey	1

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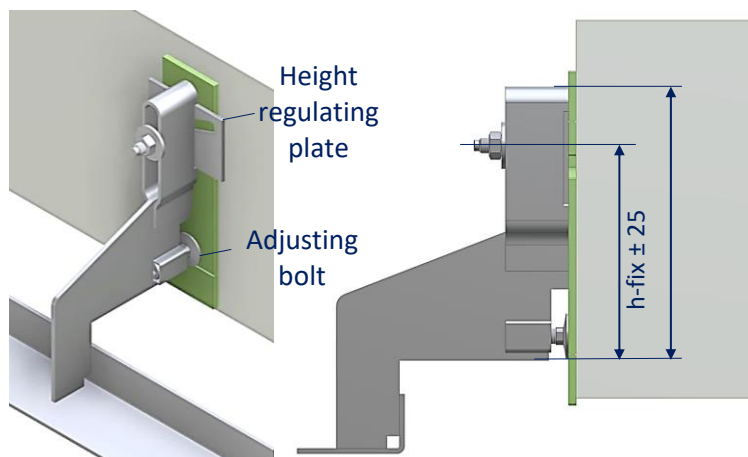
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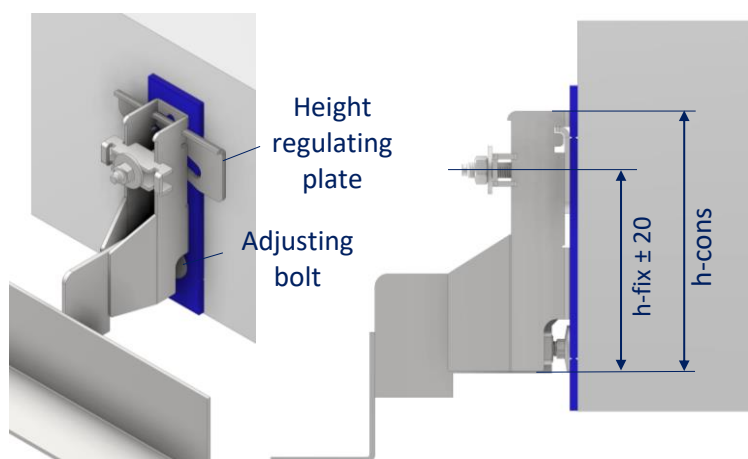


Choice of Thermoshim based on the bracket type: Plaka-Korbo masonry supports



Choice Thermoshim based on Korbo-bracket			
h-cons Korbo (mm)	h-fix Korbo (mm)	Height Thermoshim (mm)	6 mm
189	132	235	
217	160	265	
257	200	340	
293	236	340	
337	280	425	
377	320	425	

Choice Thermoshim based on the bracket type: Scaldex-Sumo masonry supports



Choice Thermoshim Based on Sumo-bracket				
h-cons Sumo (mm)	h-fix Sumo (mm)	Height Thermoshim (mm)	2 mm	6 mm
140	95*	235		
200	150	250		
240	190	340		
255	205	340		
280	230	340		

* h-fix 95 ± 10

Installation instructions

- Ensure that the Thermoshims and other filling plates are sufficiently high so that the two points of contact, namely the height regulating plate at the top and the adjustment bolt at the bottom, are fully supported.
- If the Thermoshims extend too far beyond the supporting structure, the outer 40 mm may be broken off, provided that the two points of contact are still fully supported.
- A maximum of two Thermoshims or other filling plates are allowed behind the height regulating plate.
- Starting at a total of 10 mm of filling, an M16 anchor bolt must be used.
- In total, no more than 12 mm may be filled without additional verification by the Leviat engineer. Please contact us if you have any questions.
- Installation instructions for Korbo and Sumo masonry supports are available on the website. Always respect the anchoring instructions in the technical file that Leviat prepares for each individual project.
- Use only filling plates supplied by Leviat.

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