BOARD PROFILE COMPATIBILITY GUIDE

Board profile compatibility
with Grad® decking and cladding rails

Thermory

Estonia

THERMORY®
LEAVE A LASTING IMPACT

Thermo Ash, Thermo Pine, Thermo Spruce, Thermo Red Oak

“ Thermory’s love of wood and passion for sustainable construction solutions come together to create thermowood materials that are durable, stable, functional and stunningly beautiful. By using this renewable natural resource as a construction material, together we can reduce our ecological footprint and build a healthier world.

Using just heat and steam, their unique technology transforms carefully selected, certified timber from sustainably managed forests into a range of inspiring and naturally chemical-free products that are easy to install and enhance indoor and outdoor environments across the globe.

Thermally modified wood undergoes a high-temperature treatment process in a controlled, oxygen-free environment, which modifies its chemical structure. Without the addition of chemicals, heat treatment combines steam and heat to permanently alter the internal structure of the wood.

This transformation gives the wood improved properties such as stability, durability and resistance to bad weather, insects and rot. As a result, it is commonly used in exterior construction, such as cladding and decking, as well as in a variety of interior joinery projects.

In addition to its functional benefits, thermally treated wood often has a distinctive aesthetic with darker shades and a unique texture, making it a popular choice for many construction and design projects.

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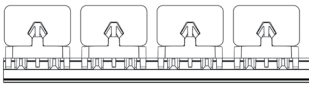
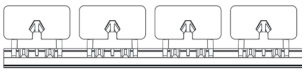
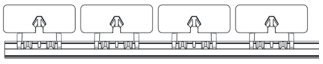
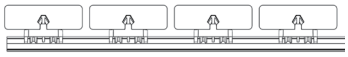
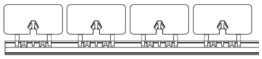
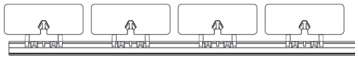
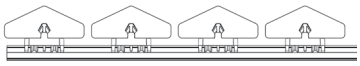
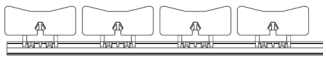
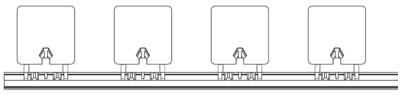
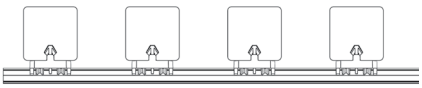
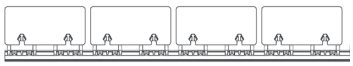
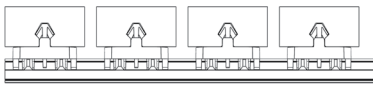
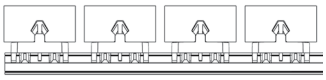
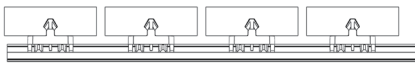
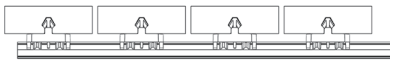
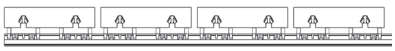
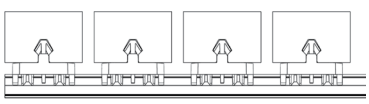
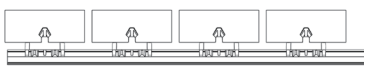
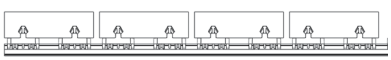
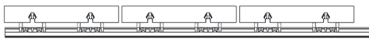
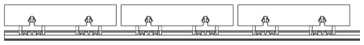
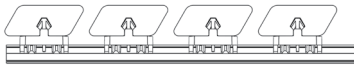
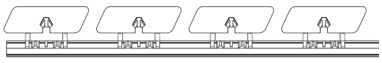
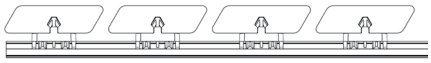
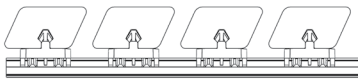
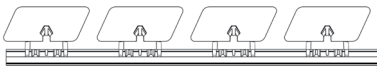
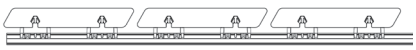
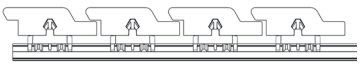
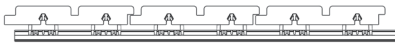
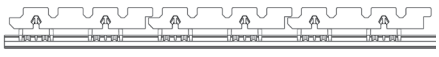
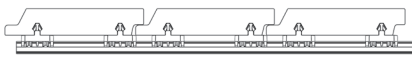
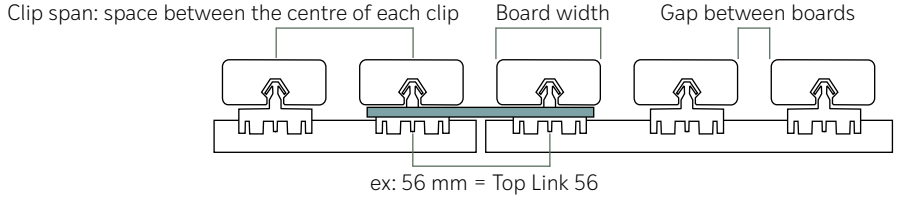
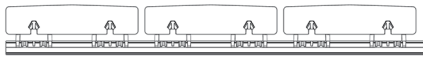
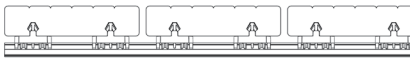
VERTICAL CLADDING

BOARD PROFILE	WOOD SPECIES	BOARD DIMENSIONS *(h x w)*	MINIMUM GAP BETWEEN BOARDS	FLAT RAIL REF.	CONNECTING ELEMENT + REF.
	Thermo Radiata Pine	20 x 33 mm	5 mm	1895	Custom Top Link
	Thermo Pine	20 x 42 mm	6 mm	Custom Rail	Custom Top Link
	Thermo Ash	20 x 52 mm	4 mm	1188	Top Link 56 ref. 1488
	Thermo Pine / Thermo Radiata Pine	20 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
	Thermo Ash	26 x 52 mm	4 mm	1188	Top Link 56 ref. 1488
	Thermo Spruce *with WoodSafe fire-retardant treatment*	26 x 68 mm	7 mm	1786	Custom Top Link
	Thermo Pine / Thermo Spruce	26 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
	Thermo Pine / Thermo Spruce	26 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
	Thermo Pine	42 x 42 mm	29 mm	1187	Top Link 71 ref. 1489
	Thermo Ash		38 mm	1753	Custom Top Link
	Thermo Pine	42 x 90 mm	6 mm	1770	Custom Top Link
	Thermo Pine	20 x 40 mm	6 mm	2191	Top Link 46 ref. 2784
	Thermo Ash		5 mm	1818	Custom Top Link
	Thermo Pine	20 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
	Thermo Ash		4 mm	1822	Custom Top Link
	Thermo Pine	20 x 90 mm	6 mm	1770	Custom Top Link
	Thermo Pine	26 x 40 mm	6 mm	2191	Top Link 46 ref. 2784
	Thermo Pine	26 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
	Thermo Pine	26 x 90 mm	6 mm	1770	Custom Top Link
	Thermo Radiata Pine	20 x 134 mm	6 mm	1750	Top Link 71 ref. 1489

	BOARD PROFILE	WOOD SPECIES	BOARD DIMENSIONS *(h x w)*	MINIMUM GAP BETWEEN BOARDS	FLAT RAIL REF.	CONNECTING ELEMENT + REF.
VERTICAL CLADDING		Thermo Pine Thermo Spruce	20 x 140 mm	6 mm	Custom Rail	Custom Top Link
		Thermo Pine	20 x 140 mm	6 mm	Custom Rail	Custom Top Link
		Thermo Ash		4 mm	Custom Rail	Custom Top Link
		Thermo Pine	26 x 140 mm	6 mm	Custom Rail	Custom Top Link
HORIZONTAL CLADDING		Thermo Ash	20 x 52 mm	4 mm	1188	Top Link 56 ref. 1488
		Thermo Pine Thermo Spruce	20 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
		Thermo Ash	20 x 72 mm	4 mm	Custom Rail	Custom Top Link
		Thermo Ash	26 x 52 mm	4 mm	1188	Top Link 56 ref. 1488
		Thermo Pine	26 x 65 mm	6 mm	1187	Top Link 71 ref. 1489
		Thermo Pine Thermo Radiata Pine Thermo Spruce	20 x 138 mm	4 mm	1187	Top Link 71 ref. 1489
SHIPLAP : CLOSED-JOINT CLADDING		Thermo Pine Thermo Spruce	20 x 68 mm	3 mm	Custom Rail	Custom Top Link
		Thermo Radiata Pine	20 x 138 mm	4 mm	Custom Rail	Custom Top Link
		Thermo Ash	20 x 150 mm	4 mm	Custom Rail	Custom Top Link
		Thermo Radiata Pine	20 x 140 mm	3 mm	Custom Rail	Custom Top Link
		Thermo Radiata Pine	26 x 134 mm	3 mm	Custom Rail	Custom Top Link
		Thermo Pine Thermo Spruce	26 x 140 mm	3.6 mm	Custom Rail	Custom Top Link
		Thermo Spruce *with WoodSafe fire-retardant treatment*	26 x 140 mm	3.6 mm	Custom Rail	Custom Top Link



	BOARD PROFILE	WOOD SPECIES	BOARD DIMENSIONS *(h x w)*	MINIMUM GAP BETWEEN BOARDS	RAIL REF.					CONNECTING ELEMENT + REF.
					Flat rail	Top Rail	PR24	PR36	PR56	
DECKING		Thermo Red Oak	20 x 132 mm	6 mm		Custom rail according to project needs				Custom Top Link
		Thermo Ash	21 x 112 mm	6 mm		Custom rail according to project needs				Custom Top Link
		Thermo Ash	21 x 132 mm	6 mm		Custom rail according to project needs				Custom Top Link
		Thermo Pine Thermo Ash	26 x 118 mm	6 mm	1185	1189	1191	1194	1197	Top Link 56 ref. 1488
		Thermo Ash Thermo Red Oak	20 x 132 mm	6 mm		Custom rail according to project needs				Custom Top Link
		Thermo Pine Thermo Ash	26 x 118 mm	6 mm	1185	1189	1191	1194	1197	Top Link 56 ref. 1488
		Thermo Pine	26 x 118 mm	6 mm	1185	1189	1191	1194	1197	Top Link 56 ref. 1488