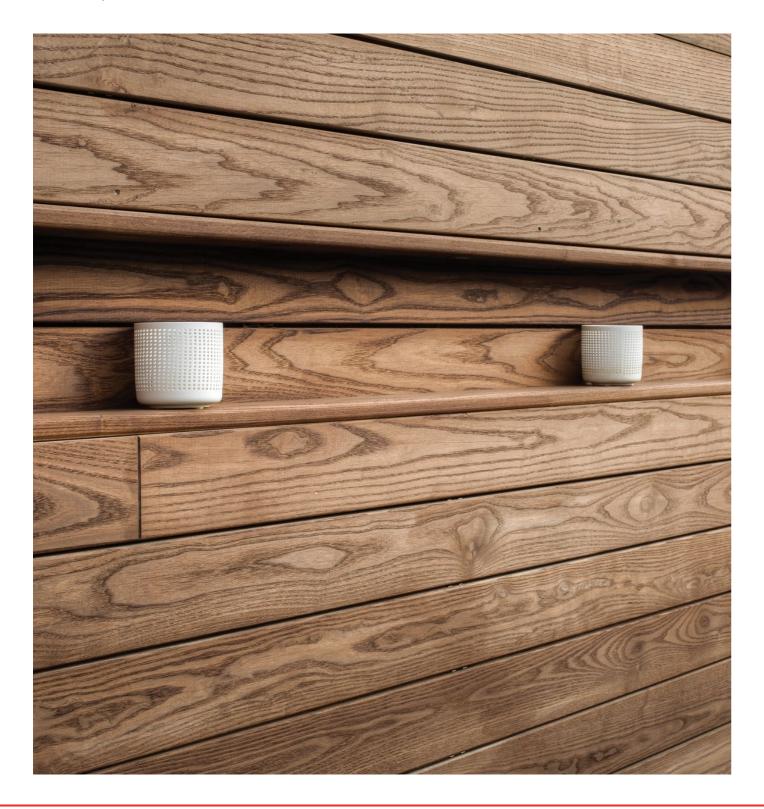


Thermory® Cladding

Thermory offers exterior cladding and decking in a wide range of profiles and dimensions. Our exterior products are manufactured in production units in Estonia and Finland. We mostly produce on order. This profile portfolio aims to work as a guide and tool for searching the various profile options already available, either standard or custom made.

Contact our sales team sales@thermory.com for guidance on minimum order quantities, availability, lead times and production location.



Color Evolution

The beauty of wood is that it is a living material and ages just like us. However it is possible to maintain the exotic looks of our thermally modified products by treating them with UV-protection oil. If you happen to be a fan of the silver gray looks, let the nature do its magic.

Thermory Ash

MODIFICATION LEVEL: INTENSE

Our thermally modified ash products are a hardwood solution for exceptional rot-resistance and longevity combined with a clear face and rich, classic color.



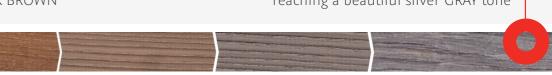


COLOR CHANGES AS THE WOOD AGES

The exotic brown tone of thermally modified ash naturally silvers over time. Aging time varies based on application and climate but the result is worth waiting for.

The natural look from our modification process is DARK BROWN

Untreated products age over time, eventually reaching a beautiful silver GRAY tone



▶ The dark brown tone can be preserved by treating the product with a UV-protection oil once a year.

Thermory Pine

MODIFICATION LEVEL: INTENSE

The natural look of thermally modified pine is golden brown, with distinctive knots and more resin than other woods. Thermal modification adds decades of rot resistance to this softwood without using any chemicals. Pine is suitable for painting, but with lighter-colored paints the knots may turn yellow over time.





COLOR CHANGES AS THE WOOD AGES

Pine develops a pleasant silver patina as it ages. The wood's distinctive knots and resin that can be found on its surface adds an extra rustic touch to your walls.

The natural look from our modification process is GOLDEN BROWN

Untreated products age over time, eventually



▶ The golden brown tone can be preserved by treating the product with a UV-protection oil once a year.

Contact our sales team: sales@thermory.com www.thermory.com

Color Evolution

Thermory Clear Pine

MODIFICATION LEVEL: INTENSE

Our thermally modified clear pine is the most knot-free among softwoods, with a distinctly unique pattern on every board. Thermory clear pine has unrivaled rot resistance.





COLOR CHANGES AS THE WOOD AGES

The natural dark warm brown color of thermally modified clear pine gradually turns into a beautiful cool gray. The speed of this process depends on the amount of exposure to UV rays and rain.

The natural look from our modification process is WARM BROWN

Untreated products age over time, eventually reaching a rustic GRAY look

▶ The warm brown tone can be preserved by treating the product with a UV-protection oil once a year.

Thermory Spruce

MODIFICATION LEVEL: INTENSE

Thermally modified spruce products are a softwood solution offering best-in-class rot resistance and longevity. Spruce is also the ideal option for painting as it has less knots and the paint will retain its attractive look for longer.



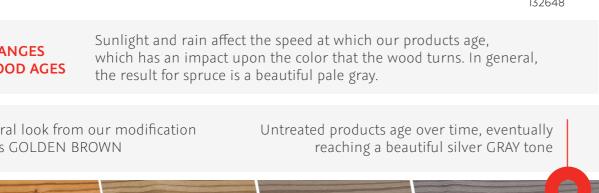


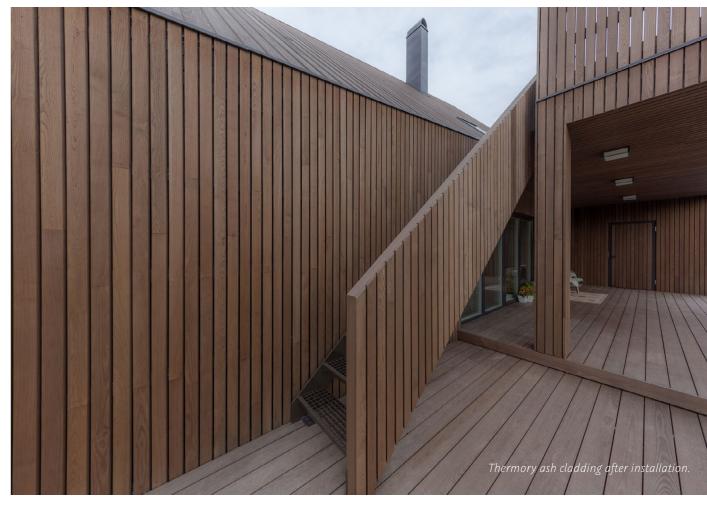


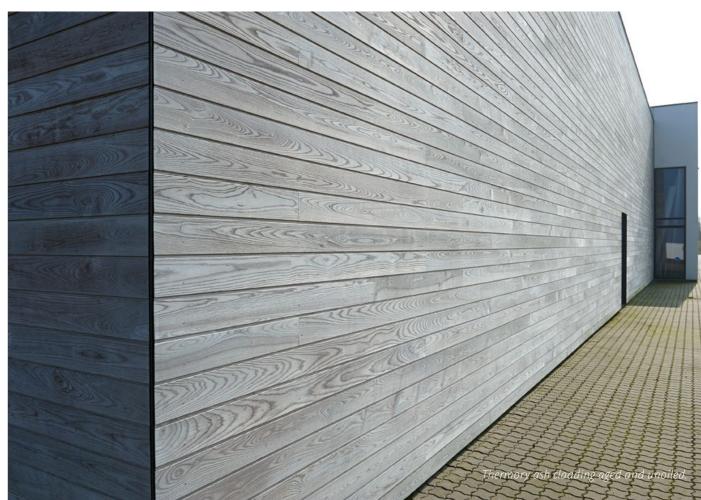
COLOR CHANGES AS THE WOOD AGES

The natural look from our modification process is GOLDEN BROWN

▶ The golden brown tone can be preserved by treating the product with a UV-protection oil once a year.







Thermory® Cladding I Benchmark Series



PaCS® CLAD is a fastening solution for the PaCS® cladding. PaCS® CLAD consists of already pre-mounted clips attached into a batten. Clad batten length: 2.0 m.

 Standard selection available by pack. For the rest of products minimum order quantity applies.







	INSTA	LLATION: F	PaCS®			
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION
	Ash	• 20 26	52 52	57	Intense	CLAD52
		4 2	42	57	_	CLAD52
C4J <			42	57		CLAD52
\\\ \\	Pine	20	65	64; 71	Intense	CLAD65-o; CLAD65
		• 42	42	57		CLAD52
	Clear Pine	20	65	64; 71		CLAD65-o; CLAD65
	Pine	20	134	142		CLAD65
C4J }	Clear Pine	20	134	142	— Intense ·	CLAD65
	Ash	2026	52 52	57		CLAD ₅₂
	7.511	20	72	80		CLAD72
C ₇ J	Pine	2026	65 65	64; 71	Intense	CLAD65-o; CLAD65
	Clear Pine	20	65	64; 71		CLAD65-o; CLAD65
			52	57		CLAD52
	Hickory	20	72	80	— Intense ⁻	CLAD72
	Pine	20	138	142	— Intense,	
G-C ₇ J	Clear Pine	20	138	142	brushed	CLAD65

Thermory® Cladding I Benchmark Series

INSTALLATION: PaCS®										
WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION					
Ash	2020	150 186	143 178	Intense	CLAD150 CLAD186					
Pine	20	134	142	Intonco						
Clear Pine	20	134	142	brushed	CLAD65					
Pine	20	138	142	Intonco	CLAD65					
Clear Pine	20	138	142	brushed						
	Ash Pine Clear Pine Pine Clear	WOOD SPECIES (MM) Ash 20 20 20 Pine 20 Clear Pine 20 Pine 20 Clear 20 Clear 20 Clear 20	WOOD SPECIES THICKNESS (MM) WIDTH (MM) Ash 20 150 20 186 Pine 20 134 Clear Pine 20 134 Pine 20 138 Clear 20 138	WOOD SPECIES THICKNESS (MM) WIDTH (MM) COVERING WIDTH (MM) Ash 20 150 143 20 186 178 Pine 20 134 142 Clear Pine 20 138 142 Clear Clear 20 138 142	WOOD SPECIES THICKNESS (MM) WIDTH (MM) COVERING WIDTH (MM) THERMAL MODIFICATION Ash 20 150 143 Intense Pine 20 134 142 Intense, brushed Clear Pine 20 134 142 Intense, brushed Pine 20 138 142 Intense, brushed					



ON REQUEST: End-matching, roughening or brushing.

PaCS® CLAD is suitable for cladding profiles C7J and C4J, C23J, C23J-6 depending on width:

- CLAD52 is suitable for width 52 mm;
 35 JuAn[®] single clips per clad.
- CLAD65 is suitable for width 65 mm;
 28 JuAn[®] single clips per clad.
- CLAD65-o is suitable for width 65 mm;
 31 JuAn[®] single clips per clad.
- CLAD72 is suitable for width 72 mm;
 25 JuAn[®] single clips per clad.
- CLAD150 is suitable for width 150 mm;
 28 JuAn[®] single clips per clad.



	REQUIRED AMOUNT OF FASTENERS									
	pcs/rm	pcs/sqm	pcs per pack							
JuAn® single clip	1.7	X	900							
PaCS® CLAD	X	0.94	196							

 $For \ PaCS @installation\ procedures\ and\ requirements\ please\ follow\ Thermory\ Cladding\ Installation\ Guide.$

Thermory® Cladding I Benchmark Series



Thermory's Benchmark cladding combines the natural beauty of thermally modified real wood with exceptional durability and easy installation.





► EASY FIXING SYSTEM AVAILABLE

Innovative solution saves you a whole lot of time



► END-MATCHING AVAILABLE

Put joints wherever you want

INSTALLATION: B1-1 CLIP										
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION				
	Ash	20 20	132 155	121 144	Intense	B1-1 clip				
C6 =) Pine	20	140	129	Intense	B1-1 clip				
	Clear Pine	20	138	127	Intense	B1-1 clip				
	Ash	20 20	95 112	98 115	Intense	B1-1 clip				

ON REQUEST: End-matching, roughening or brushing.



Thermory® stainless steel clip "B1-1" leaves a distance of 4 mm between the boards. Estimated usage of clips: 1.7 pcs per running meter (considering battens are every 600 mm).

For installation procedures and requirements please follow Thermory Cladding Installation Guide.

INSTALLATION: T-6 CLIP										
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION				
C92	Ash	20	132	135	Intense	T-6 clip				
	Pine	20	140	143	Intense	T-6 clip				
INSTALLATION: TIGA CLIP										
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION				
New!	Pine	26	90	84	Intense	Tiga clip				
	INSTALLAT	ΓΙΟΝ: DEKOR	A CLIP							
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION				
New!	Pine	26	140	121	Intense	Dekora clip				

Thermory® Cladding I Benchmark Series

 Standard selection available by pack. For the rest of products minimum order quantity applies.

IN	STALLATION	: SCREWS OF	RNAILS			
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION
C1	Pine	2020	115 140	107 131	Intense	Srews
	Clear Pine	20 20	115 138	107 130	intense	or nails
C2-R4	Spruce	12/26	190	175	Fine sawn, Intense	Screws or nails
C3 P	Pine	2020	115 140	107 131		Srews
	Clear Pine	20 20	115 138	107 130	– Intense	or nails
C ₇	Ash	20 20 26	52 72 65	52 72 65	Intense	Srews or nails
	Pine	2026	67 68	67 68		OF Halls
C7-15R1.5	Pine	26	92	95	Intense	Srews or nails
C8	Pine	26	140	132	Intense	Hidden screws
C11	Pine	26	140	123	Instense, brushed	Srews or nails
ew!	Pine	21/12 21/12	140 185	120 165	Intense	Hidden screws
C ₁₂	Ash	20	155	147	Intense	Srews or nails
C ₁₅	Spruce	20 20 20	140 186 211	175 200	Intense, brushed	Hidden screws
ew! C16	Spruce	19	141	129	Intense	Srews or nails
ew! C19	Pine	20	140	131	Intense, roughened	Srews or nails
C20	Ash	20	150	142	- Intense	Srews
	Pine	20	140	131	HIGHSE	or nails

Thermory® Cladding I Benchmark Series

INSTALLATION: SCREWS OR NAILS WOOD WIDTH COVERING THICKNESS **THERMAL PROFILE** INSTALLATION WIDTH (MM) MODIFICATION **SPECIES** (MM) (MM) Srews C24 Spruce 20 140 131 Intense or nails Ash 20 138 155 Hidden Pine C25 20 140 122 Intense screws Clear 20 138 121 185 168 Pine 20 New! 19 125 Hidden 141 C26 Intense Spruce 19 186 169 screws Srews C27 Spruce 19 141 131 Intense or nails Srews Pine Intense 20 140 129 or nails New! 20 90 71 20 121 140 20 115 96 Hidden Pine Intense 26 68 49 screws 26 96 115 Mix & Match 68 42 49 Ash 26 90 73 Srews Intense or nails Pine 26 90 73 Clear Srews 138 Intense 20 130 Pine or nails Ash 26 130 122 Srews Intense or nails Pine 26 130 122 Srews CAR₁₂ Ash 146 Intense 155 or nails 42 42 42 42 90 90 Ash 138 138 32 42 135 135 20 115 115 D4 Srews Intense 20 140 140 or nails 68 Pine 26 68 42 42 42 42 140 140 Clear 185 20 185 Pine

Thermory® Cladding I Benchmark Series

• Standard selection available by pack. For the rest of products minimum order quantity applies.

	INSTALLATION: SCREWS OR NAILS										
	PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION				
	D43	Ash	26	65	58	Intense	Srews or nails				
New!			0 20	92	77						
	LIVC		0 20	115	100		C				
	UYS10	Pine	0 20	140	124	Intense	Srews				
			26	92	77		or nails				
	Mix & Match		4 2	67	52						
	C42	Spruce	42/28	42	42	Intense	Srews or nails				



Thermory pine



Thermory pine



Thermory clear pine



Thermory ash







Thermory pine

Thermory ash

ON REQUEST: End-matching, roughening or brushing.



Use stainless steel screws or nails.

For installation procedures and requirements please follow Thermory Cladding Installation Guide.

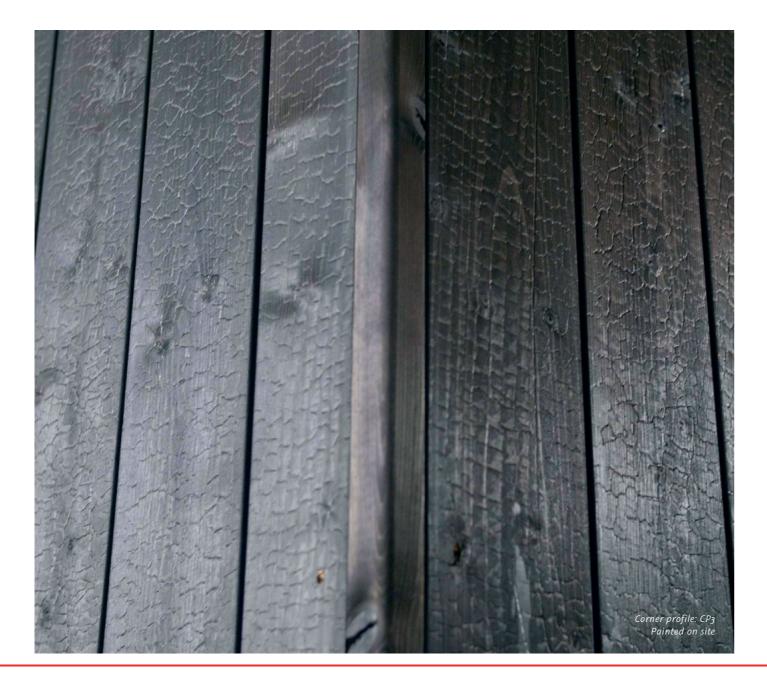
Thermory® Cladding I Corner profile

	CORNER PROFILES											
	PROFILE	WOOD SPECIES			FINISHING OPTIONS							
New!	CP3	Spruce	42	42	Natural, to be finished on site	Intense	Screws or nails					

Sold according to order

One universal profile for indoor and outdoor usage. Boards with straight-cut ends can be installed without exposing the endgrain.

▶ The easiest option for a seamless transition from wall to wall.



Thermory® Cladding I Designer Series









► THERMALLY MODIFIED Naturally enhanced for high durability and dimensional stability

	CLADDING: SHINGLES											
PRODUCT	DESIGN	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	LENGTHS (MM)	THERMAL MODIFICATION	INSTALLATION					
Individual shingles S1	Even	Ash	4/10	80-150	350	Intense	Staples					
PaCS® shingle panel S2-E	Even	Ash	31*	350*	1250*	Intense	CLADS2-E					
Shingle panel S2-BBME	Even	Ash	24*	340*	1250*	Intense	Screws or nails					
Shingle panel S2-BBMS	Staggered	Ash	24*	340*	1250*	Intense	Screws or nails					

*panel measures







Shingle panel S2-BBME



Shingle panel S2-BBMS



Thermory Ash Shingles are available as individual shingles (profile: S1) and as shingle panels (profiles: S2-E, S2-BBME, S2-BBMS). Profile S2-E is constructed using the PaCS® solution. PaCS® shingle panel consists of already pre-mounted clips attached into a batten. This allows shingle panels to be easily clicked into place. The solution ensures sufficient air circulation and makes the product last longer. Air circulation is necessary to enhance durability, reduce moisture and save energy.

Thermory Ash on BB Shingle panels (profiles S2-BBME, S2-BBMS) is a combination of Thermory ash shingles on Baltic Birch Plywood with vapor permeable roof membrane. It offers a superior panel solution for an eye-catching result with the most common and simple installation practices. The shingle panels are tongue and groove fitted and can be nailed onto joists or flat surfaces with ease. This reduces installation time considerably, provides strong wind resistance and creates a water barrier for a longlasting quality product. Available for both designs: even and staggered.

Thermory® Cladding I Vivid Series



Vivid by Thermory offers a range of beautiful and durable colors for outer cladding. Thermally modified wood is brushed, factory painted and ready to be installed.

THERMAL MODIFICATION intense

SURFACE TEXTURE brushed



▶ ECO-FRIENDLY

Wood from sustainable forests with water-based coatings



► EASY INSTALLATION

Pre-painted and ready to install – saves costs

VIVID SILVER	RED / VIVII	TRANSLUC	ENT / VI\	/ID OPAQUE		
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	SURFACE COLORING	INSTALLATION
C ₇ J	Pine	20 26	65 65	64* 71**	Vivid Silvered, Vivid Translucent, Vivid Opaque	*PaCS CLAD65-o **PaCS CLAD65
	Pine	20 26	67 68	67 68	Vivid Silvered, Vivid Translucent, Vivid Opaque	Screws or nails
New!				119		Screws or nails
C8D	Pine	26	140	121	Vivid Silvered, Vivid Translucent	Dekora Black clip
C15	Spruce	20	186	175	Vivid Silvered, Vivid Translucent, Vivid Opaque	Hidden screws
C24	Spruce	20	140	131	Vivid Silvered, Vivid Translucent, Vivid Opaque	Screws or nails
D4	Spruce	20 20 20	211 140 68	211 140 68	Vivid Silvered, Vivid Translucent, Vivid Opaque	Screws or nails
C2-R4	Spruce	12/26	190	175	Vivid Silvered, Vivid Translucent, Vivid Opaque	Screws or nails
C11-S	Spruce	21/12	185	165	Vivid Silvered, Vivid Translucent, Vivid Opaque	Hidden screws
C26	Spruce	19 19	141 186	125 169	Vivid Silvered, Vivid Translucent, Vivid Opaque	Hidden screws
C34 Mix & Match	Pine	20 20 20 26 26 26 42	90 115 140 68 115 68	71 96 121 49 96 49	Vivid Silvered, Vivid Translucent, Vivid Opaque	Hidden screws

Thermory® Cladding I Vivid Series

If you like the **look of weathered wood**, Vivid Silvered is perfect for you. Thermally modified pine or spruce is brushed and prepainted with either a light or dark silver-gray color. Over time, the wood under the coating becomes visible as the paint wears off, eventually turning gray. Vivid Silvered doesn't require any specific maintenance – it just needs to be cleaned every few years.





Coloring options:

- ▶ Dark Silvered dark gray
- ▶ Light Silvered light gray

Wood options:

- ► Thermory pine
- ▶ Thermory spruce



► EXTREMELY LOW MAINTENANCE

Enjoy the weathered look for decades with no further coating needed

With Vivid Translucent and Vivid Opaque, we provide a range of panels with beautiful, durable colors for outer cladding. The boards are made from **thermally modified spruce or pine** and are **factory painted**. They come ready to install and have excellent resistance against decay and various weather conditions.



▶ LOW MAINTENANCE

Improved service time thanks to the benefits of thermal modification



► EXCEPTIONAL COLOR DURABILITY

Longer color lifetime due to high dimensional stability





Wood options:

- ► Thermory pine
- ► Thermory spruce

▶ **Vivid Translucent** is coated with a translucent color to give the natural look of exposed timber. It has a 7-year service lifetime.

Vivid Translucent standard colors: black oil (TVT5089), thermowood brown (PW 318R)

Vivid OPAQUE

Wood options:

▶ Thermory spruce

- Vivid Opaque 10 has 80 my (micron) dry paint layers and has a 10-year service lifetime.
- Vivid Opaque 15 has 120 my (micron) dry paint layers and has a 15-year service lifetime.

AVAILABLE IN VARIETY OF RAL COLORS

















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Other colors available on special request.

For more information see our coated cladding catalogue.

Contact our sales team: sales@thermory.com www.thermory.com

Thermory® Cladding I Rebel Series



Drift by Thermory represents thermally modified brushed and colored products with a unique aged look resembling weathered barnwood. A pallet of beautiful tones is available to suit every taste.



MAINTENANCE

Enjoy the weathered look for decades with no further coating needed



► EASY INSTALLATION Pre-painted and ready to install – saves costs



► LUXURIOUS WIDE BOARDS Extra wide size for bold looks and faster installation

	CLADDING: DRIFT BY THERMORY										
	PROFILE			THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION			
	C15		Spruce	20 20 20	140 186 211*	131 175 200	Intense	Hidden screws			
	C24		Spruce	20	140	131	Intense	Screws or nails			
New!	C26	5	Spruce	19 19	141 186	124 169	Intense	Screws or nails			
	D4		Spruce	20 20 20	68 140 211	68 140 200	Intense	Screws or nails			

*only for Natural

SUITABLE FOR BOTH EXTERIOR AND INTERIOR:







Platinum

Black Pearl

Smoked Brandy





Natural Sandy Pearl

Thermory® Cladding I Rebel Series



Ignite offers the look of charred wood with additional durability, stability and reliability. As our process is completely flame-free the product will not stain nor crumble during or after installation.





NO MESSY RESIDUE Touch worry-free as the

surface does not stain



▶ LOW MAINTENANCE

Improved service time thanks to the benefits of thermal modification

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			CLADDIN	G: DRIFT BY T	HERMORY	,		
	PROFILE			THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION
	C ₁₅		Spruce	20 20	140 186	131 175	Intense	Hidden screws
	C24		Clear Pine	20	138	130	Intense	Screws or nails
New!	C26	5	Spruce	19 19	141 186	124 169	Intense	Hidden screws
	D4		Spruce	20 20 20	68 140 211	68 140 200	Intense	Screws or nails

Ignite by Thermory mimics the signature pattern of the traditional *shou sugi ban* with the added benefits of thermal modification:

- Stained, brushed and embossed to recreate the texture of charred wood without the mess and residue
- Thermally modified to create consistent rot resistance to the core
- High level of dimensional stability
- Highly controlled process ensures reliable results every time.

Ignite comes in two different paint layer thicknesses: Ignite 5 and Ignite 7.

- ▶ Ignite 5 paint service lifetime is 7 years.
- ▶ Ignite 7 paint service lifetime is 10 years.



Thermory® Cladding I Rebel Series



Kodiak by Thermory gives your project the bold allure of the backwoods. Knotted spruce boards retain their natural appeal, while their extra wide size allows for faster installation. The brushed texture adds ruggedness without sacrificing the refined look.





STABILITY

Dimensionally stable due to a significant reduction in equilibrium moisture content



CLADDING: DRIFT BY THERMORY							
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION	
C15 5	Spruce	20 20	186 211	175 200	Intense, rustic, brushed	Hidden screws	



Thermory® Roofing I Benchmark Series

ROOFING							
PROFILE	WOOD SPECIES	THICKNESS (MM)		COVERING WIDTH (MM)	THERMAL MODIFICATION	INSTALLATION	
C10	Pine	20	140	110	Intense	Screws or nails	

Thermory® Battens & Posts I Benchmark Series

BATTENS & POSTS								
PROFILE	WOOD SPECIES	THICKNESS (MM)	WIDTH (MM)	THERMAL MODIFICATION				
GLB	Pine	88	88	Intense				
D4	Pine	26 42 42 42	68 68 90 140	Intense				
	Spruce	42	68	Intense				
CLAD Top view: batten with the clip	Pine	26	68	Intense				

PaCS® CLAD is a fastening solution for the PaCS® cladding. PaCS® CLAD consists of pre-mounted clips attached on to a batten. Gap between the boards is 5 mm. Clad batten length: 2.0 m. PaCS cladding range on pages 6-7.

Thermory® Cladding I Additional Information

BOARD LENGTHS

Length information of Thermory cladding boards:

- Thermory Ash is generally produced in length range 1200-4800 mm.
- Thermory Pine and Thermory Spruce in length range 3000-6000 mm.
- Thermory Clear Pine is produced in length range 3000-6000 mm.
- All PaCS cladding boards such as C7J, C4J, C23J are limited to maximum length 4800mm.
- Maximum lenght for Joint End Matching is 5400 mm.

Please check availability of specific lengths of interest from our sales team sales@thermory.com.

SURFACE TEXTURES



BRUSHING

Some of Thermory's finished cladding products come with a brushed surface as standard. Brushing beautifully highlights the wood's natural grain.



ROUGHENING

If desired, it is possible to order Thermory pine cladding with a Scandinavian roughened look.

This gives the boards a distinctive rustic appearance with smooth refined furrows.



► EMBOSSING

Embossing is a novelty technique that we offer for some of our products. It is a non-chemical treatment that gives a beautiful structure to the wood without changing its properties.







INSTALLATION

For installation procedures and requirements please follow Thermory Cladding Installation Guide.

MAINTENANCE

Without protective maintenance, thermally modified wood will turn silver-gray, although the material will retain its weather-resistant properties. The rich chocolate brown color of Thermory Ash can be preserved by regularly coating it with UV-protection oil.



More information from Thermory Cladding Installation Guide.

Version last updated: April 2020