

THERMORY®

HERRINGBONE BY THERMORY® decking combines the dimensional stability, durability, rich dark tone and gorgeous grain of thermo-ash with the stunning herringbone design. It's installation is easy and quick too, requiring less than a third of the time that would normally be needed.

All Thermory decking products undergo an intense thermal modification process that makes the wood more durable and stable in outdoor conditions while emphasizing its warm golden-brown color and characteristic wood pattern. Using the correct installation and maintenance techniques will result in the most beautiful and long-lasting decking.

These installation guidelines are purely informative and based on the best knowledge currently available, and they should be used accordingly. We advise you to follow the regulations of your country where they conflict with the general recommendations found in this guide.

Installation Guide

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HERRINGBONE
by THERMORY®



1. Herringbone by Thermory decking modules

Create an elegant herringbone patterned deck with ease.



The Thermory Herringbone decking modules match up perfectly so that you can effortlessly create an even herringbone pattern.



The starter and end cap modules make it easy to install the start and end

of each row. They are sold separately from the regular decking modules so you can order what you need to build a decking area with the required size.



The mounting strips align the boards, making installation easy.



Stainless-steel screws are included with the decking modules.

Using the correct installation and maintenance techniques will result in the most beautiful and long-lasting Thermory decking.



THERMALLY MODIFIED WOOD

Naturally enhanced using only heat & steam



STABILITY

Dimensionally stable in changing weather conditions



WALK BAREFOOT

The decking doesn't overheat in the sun



HIGH DURABILITY

Thermo-ash for 25+ years of rot resistance



SUSTAINABLE

Responsibly harvested and chemical-free modification



EASY INSTALLATION

Ingeniously simple fixing methods

HERRINGBONE BY THERMORY decking modules

BASIC MODULE SIZE: 28 x 812 x 500 mm

BASIC MODULE PACKAGE CONTENTS:

Four Herringbone basic modules (covering 1.6 m²), stainless steel screws, installation instructions

ADDITIONAL PARTS INCLUDED IN EVERY OTHER BOX:

One spacer wedge and two strips for fixing on the back of modules to install the edge piece

STARTER AND END CAP MODULE SIZE:

28 x 812 x 394 mm

STARTER AND END MODULE PACKAGE CONTENTS:

Two starter modules and two end cap modules, stainless steel screws. For two rows of basic modules



2. Storage

Whenever possible, Thermory decking boards should be stored inside. The decking should be kept away from sunlight as UV rays will cause the color to fade. If kept outside, the boards should be elevated at least 150 mm from the ground, stacked evenly, and protected with a waterproof, light-impermeable cover.

Leave the ends of the cover unfastened to provide ventilation while avoiding moisture damage. Thermory decking should never be left in the rain or exposed to excess moisture when in its original packaging, as it will not dry properly when tightly packaged. If possible, store the boards at the installation site for a few weeks prior to

installation to allow them to acclimatize to the moisture conditions, using a protective cover to prevent moisture damage.

3. Building a proper substructure and avoiding moisture damage

WATCH THE
INSTALLATION VIDEO



Substructure

Thermory Herringbone requires very special joist spacing. Follow the instructions thoroughly prior to construction.

Herringbone decking must be laid on leveled joists.

We recommend using Thermory Benchmark thermo-spruce or thermo-pine joists – this will ensure that your joists last as long as your decking.

Avoiding moisture damages

Good drainage is essential in order to direct water away from the structure. Make sure the ground beneath your decking is at a sufficient angle to avoid water pooling.

It is important that air can circulate underneath the decking. Do not allow moisture to become trapped beneath it.

Decking boards should lay at least 100 mm above the ground. If possible, shim the joists to allow air circulation and drying.

The ends and sides of the Thermory deck must be left open to allow air circulation. When using fascia boards, install them with air gaps and leave a space of at least 50 mm from the ground. When the decking is next to

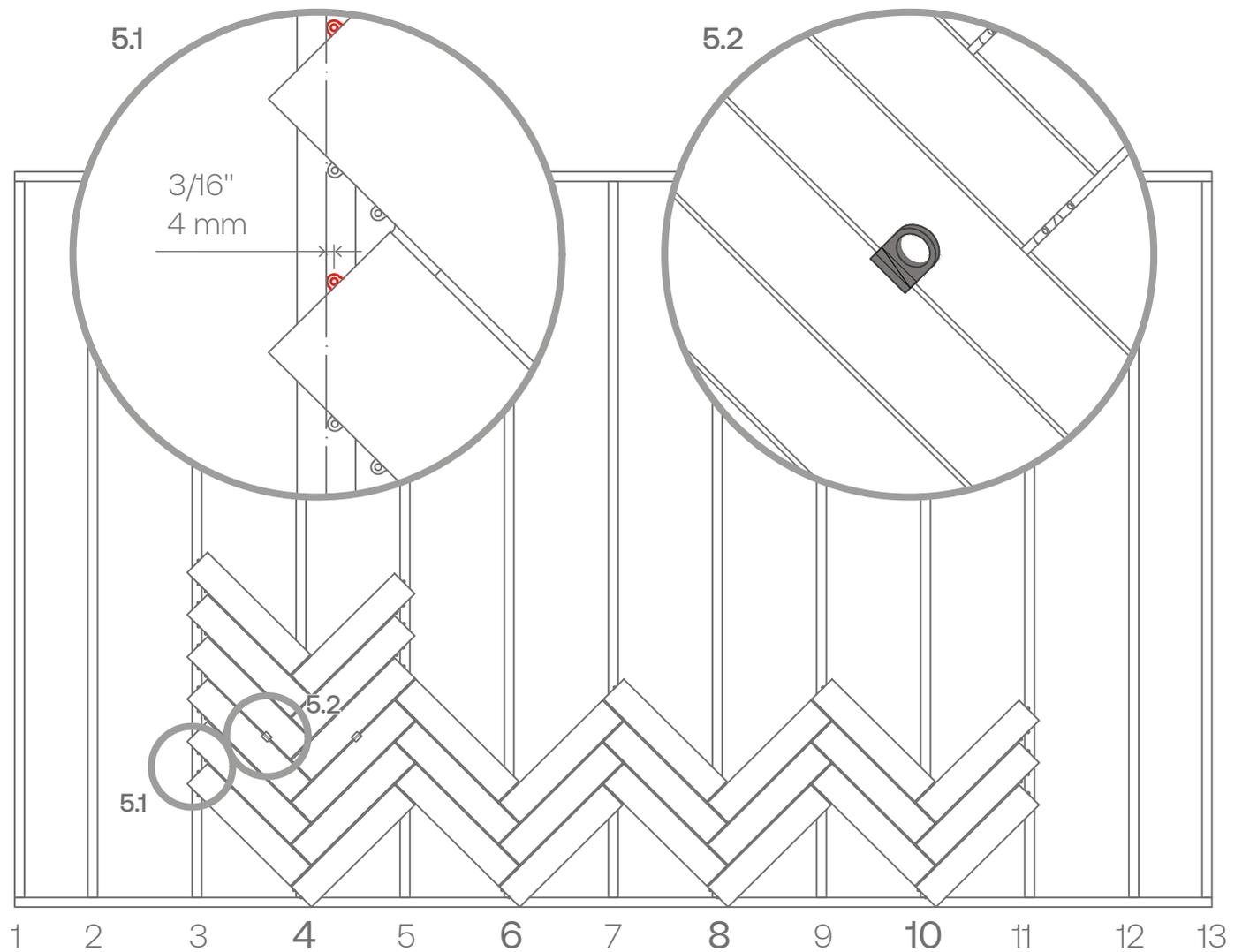
a wall, we suggest leaving a gap of at least 20 mm between the wall and the decking.

Wood must not be in direct contact with wood.

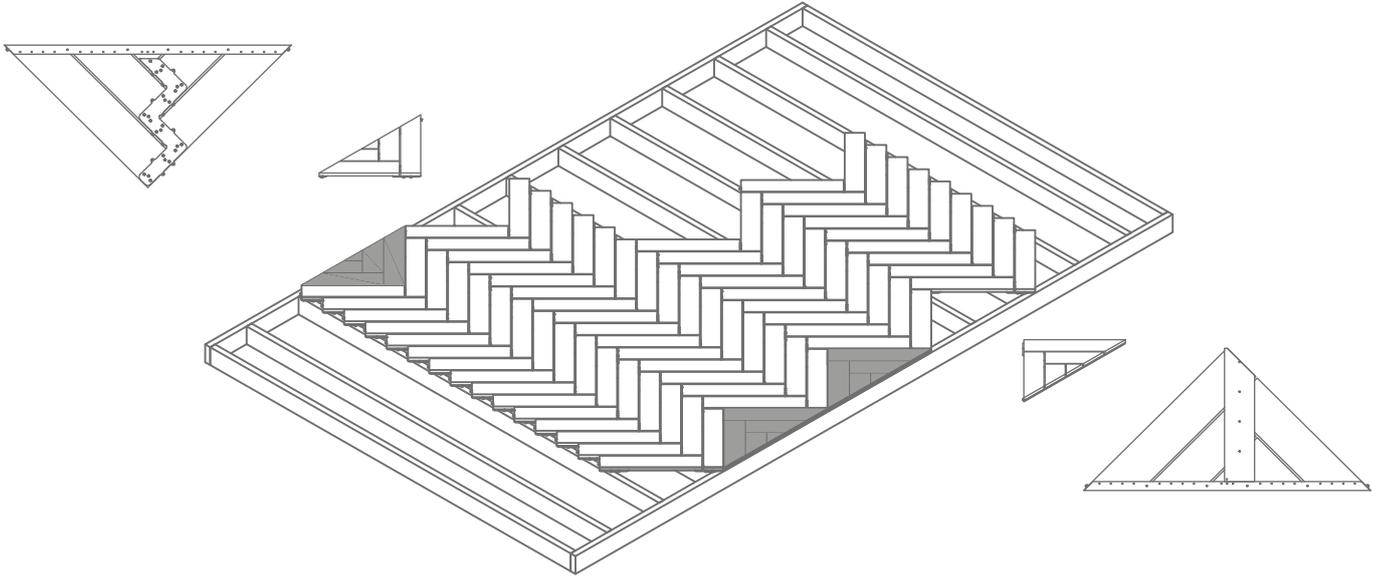
We suggest covering the tops of the joists with UV-resistant tape to avoid moisture damage.



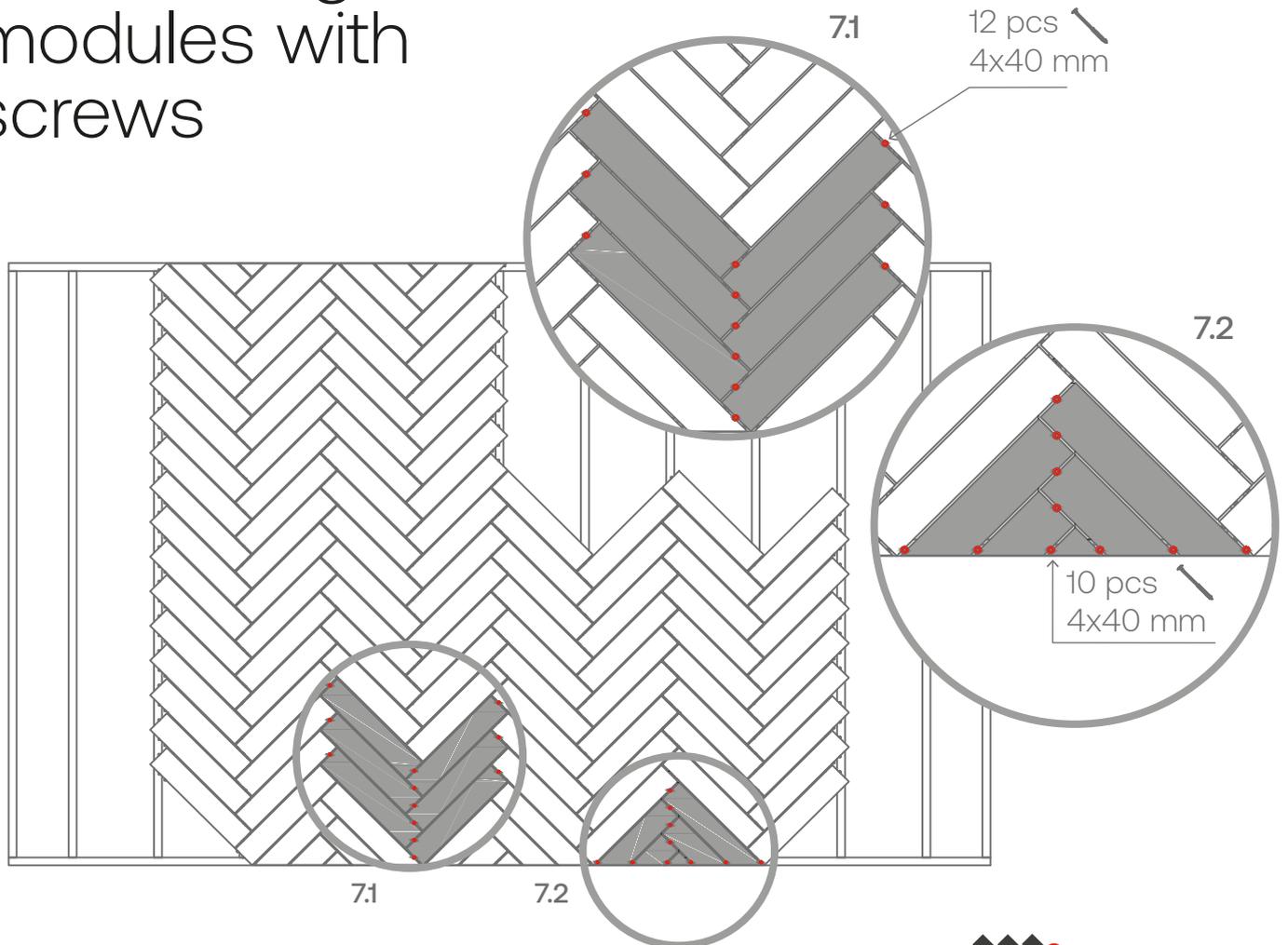
5. Installing modules



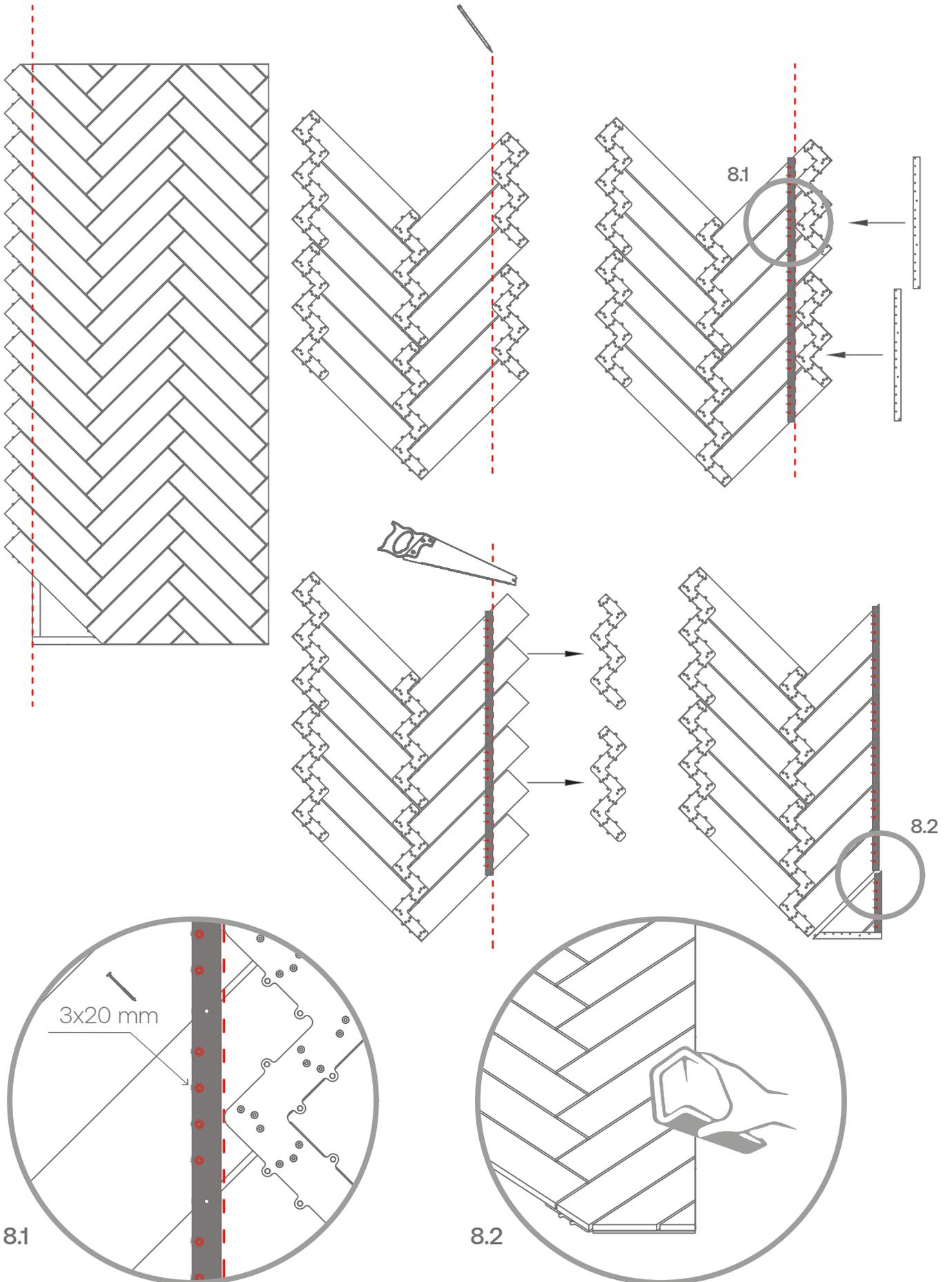
6. Adding starter and end cap modules



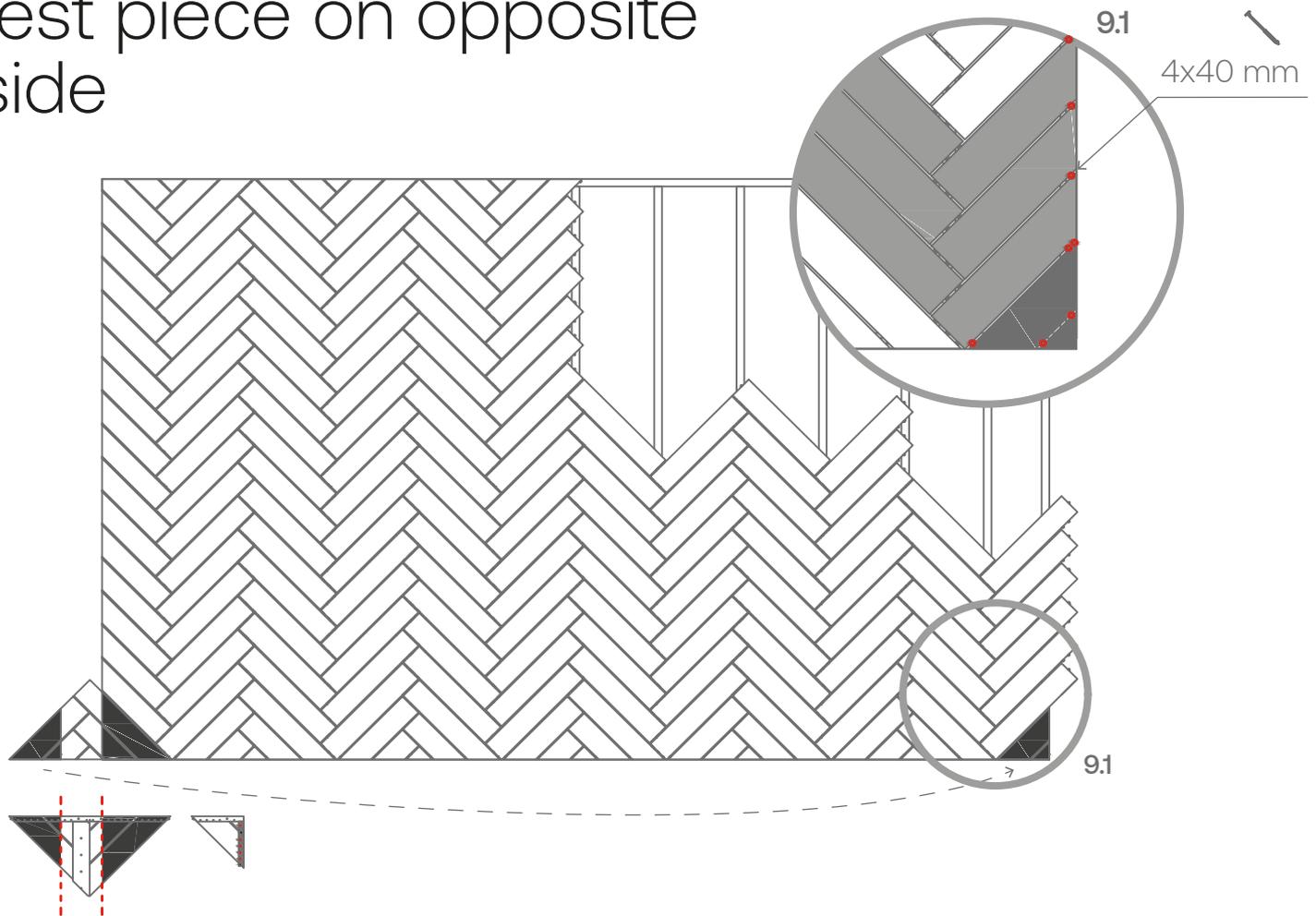
7. Fastening modules with screws



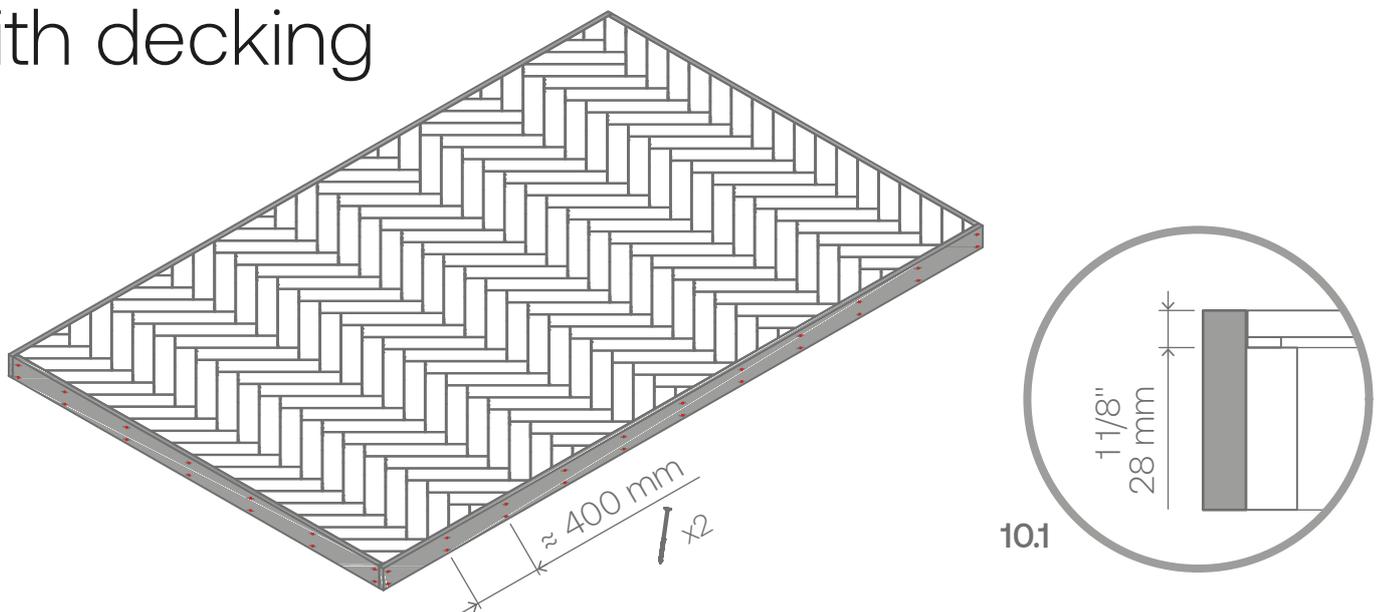
8. Finishing the edges



9. Using starter module rest piece on opposite side



10. Edge board must be mounted flush with decking



11. Decking maintenance

After installing your decking, it is important to keep its surface free of leaves, needles and other moisture-retaining debris that can promote mold.

Please follow the [Thermory Decking Maintenance Guide](#) for more detailed tips.

Like any wood products, thermally modified wood will also turn gray over time

This process starts immediately after the products are installed and takes from a few months to a few years, depending on the effects of UV radiation.

○ To reduce discoloration or freshen up their appearance, Thermory boards can be protected by coating them with a UV-resistant pigmented mineral oil. The use of organic oils

is not recommended outdoors or in damp rooms, as they contain substances that provide a source of nutrition for biological organisms, such as bacteria, mold, etc.

○ If you want the wood to turn gray over time while still minimizing natural cracking, finish the wood with a pigment free oil.



Thermo-ash after installation



Thermo-ash, aged and unsealed

Cleaning thermally modified wood

○ Thermally modified wood can be washed with a wood cleaner and warm water. Before applying wood cleaner, thoroughly sweep the deck to remove all dirt and debris. Larger dirt particles can be removed mechanically (for example with a washing brush or deck cleaning machine).

○ For rinsing, it is a good idea to use a garden hose with a spray nozzle in a soft shower setting; test it on a small area beforehand. A strong jet of water can damage the wood material and result in an uneven appearance..

12. Herringbone decking modules order guide

		DECK WIDTH (MEASURED FROM THE FIRST JOIST TO THE LAST ONE) UP TO:																		
IMPERIAL		2'	4' 8"	7' 4"	10'	12' 8"	15' 4"	18'	20' 8"	23' 4"	26'	28' 8"	31' 4"	34'	36' 8"	39' 4"	42'	44' 8"	47' 4"	
MM		610	1 422	2 235	3 048	3 861	4 674	5 486	6 299	7 112	7 925	8 738	9 550	10 363	11 176	11 989	12 802	13 614	14 427	
AMOUNT OF JOISTS		3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	
		HERRINGBONE STARTER MODULE AND END CAP MODULE BOXES (2 PCS + 2 PCS IN A BOX). BOXES TO BE PURCHASED:																		
		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	
		HERRINGBONE MODULE BOXES (4 PCS IN A BOX). BOXES TO BE PURCHASED:																		
		1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	
DECK LENGTH (MEASURED ALONG THE LENGTH OF EACH JOIST) UP TO:	IMPERIAL	MM	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	2' 11 1/2"	900	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	4' 7 1/8"	1 400	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
	6' 2 3/4"	1 900	1	2	3	3	4	5	6	6	7	8	9	9	10	11	12	12	13	14
	7' 10 1/2"	2 400	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	9' 6 1/8"	2 900	2	3	4	5	7	8	9	10	12	13	14	15	17	18	19	20	22	23
	11' 1 7/8"	3 400	2	3	5	6	8	9	11	12	14	15	17	18	20	21	23	24	26	27
	12' 9 1/2"	3 900	2	4	6	7	9	11	13	14	16	18	20	21	23	25	27	28	30	32
	14' 5 1/4"	4 400	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	16' 7/8"	4 900	3	5	7	9	12	14	16	18	21	23	25	27	30	32	34	36	39	41
	17' 8 5/8"	5 400	3	5	8	10	13	15	18	20	23	25	28	30	33	35	38	40	43	45
	19' 4 1/4"	5 900	3	6	9	11	14	17	20	22	25	28	31	33	36	39	42	44	47	50
	21'	6 400	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54
	22' 7 5/8"	6 900	4	7	10	13	17	20	23	26	30	33	36	39	43	46	49	52	56	59
	24' 3 3/8"	7 400	4	7	11	14	18	21	25	28	32	35	39	42	46	49	53	56	60	63
	25' 11"	7 900	4	8	12	15	19	23	27	30	34	38	42	45	49	53	57	60	64	68
	27' 6 5/8"	8 400	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
29' 2 3/8"	8 900	5	9	13	17	22	26	30	34	39	43	47	51	56	60	64	68	73	77	
30' 10"	9 400	5	9	14	18	23	27	32	36	41	45	50	54	59	63	68	72	77	81	
32' 5 3/4"	9 900	5	10	15	19	24	29	34	38	43	48	53	57	62	67	72	76	81	86	
34' 1 1/2"	10 400	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	

EXAMPLE: A deck 21' long and 18' wide requires 4 start module boxes and 21 basic module boxes.
 Starter modules and end cap modules have to be purchased separately from the main modules as noted in table above. As a standard practice with any decking product always purchase 5% more to compensate for material loss due to installation procedures and subconstruction imperfections.



Leave a lasting impact

THERMORY is a world leader in the thermal modification of wood. We offer high-quality, long-lasting solutions that benefit from environmentally friendly technology. We have spent the past two decades developing our expertise through close collaboration with architects, designers, builders and homeowners – constantly revising our product selection and refining our technology in the process.

THERMORY promotes a transparent and responsible corporate culture. We care about the environment and treat nature with deep respect. Our purchasing process is environmentally responsible, and we exercise high standards for quality and sustainability. Our timber is carefully inspected and harvested from sustainably managed forests.

- DECKING
- CLADDING
- INTERIOR
- SAUNA

If desired, we can offer PEFC, FSC or Nordic Swan Ecolabel-certified wood.



As a renewable resource that is both durable and an excellent insulator, wood is one of the most environmentally friendly choices for your construction projects. If you think it's important to protect our valuable resources long into the future, then we're on the same mission. We create lasting value, because we want to leave behind a more harmonious and sustainable world.

REAL WOOD PRODUCTS WITH BEAUTY AND STABILITY IN EVERY FIBER