



WOOD IN ARCHITECTURE

TRENDS 2022



GLOBAL MEGATREND

No. 1


SUSTAINABILITY & BUILDING WITH WOOD

Environmental considerations aren't optional anymore – it is a must-have. Especially in construction industry that accounts for 38% of CO2 emissions. Real wood has many benefits – it is **sustainable, renewable, and has low carbon footprint**. In practice, timber is strong, durable, and has multiple use cases as it can be modified to have the exact look and feel that is needed. Many forward-thinking cities have taken the initiative and started promoting timber as the **preferred** building material.

Source: <https://environmentjournal.online/articles/emissions-from-the-construction-industry-reach-highest-levels/>



Powerhouse Telemark by Snohetta
Benchmark by Thermory thermo-pine cladding
Photo: Jeanett Teigen



ON THE AGENDA

• 75%

Majority of architects, engineers, contractors and owners/operators put sustainability high up on their agenda.

IMPACT OF LIFESPAN

• 44%

Prolonging a building's lifespan from the rough average of 50 years to 120 years will reduce its environmental impact by 44%.

CLIMATE DECLARATIONS

• 2022

Sweden is one of the first nations to mandate climate declarations. As of 2022, contractors must submit climate declarations for all new builds with data including raw materials, on-site construction and manufacturing of building products.

HIGH STANDARDS

• 2030

Japan and Canada are two of the forerunners developing new policies to achieve net-zero and net-zero-ready standards for buildings by 2030.



Benchmark by Thermory thermo-pine
Architect: Bjarke Ingels Group
Photo: Kåre Viemose

BIG CITY LIFE

Urban dwellings

Choosing wood as a main building material for urban living spaces can have substantial impact on the environment and peoples' well-being.

OFF THE GRID

Tiny homes

The tiny house movement advocates for downsizing living spaces, simplifying and essentially "living with less."
Affordability, efficiency, eco-friendliness and minimalism are the most attractive factors that the lifestyle has to offer.



Drift by Thermory
Photo: Smiling Forest




NO.2

GLOBAL MEGATREND

BIOPHILIC DESIGN – CONNECTING WITH NATURE

A trend is taking root in the worlds of architecture and interior design based on using **natural materials** and **living plants** to better connect people with the outdoors. Many studies have proven that integrating biophilic design principles in places that we live and work can **improve our well-being**, especially as we spend more time inside and connected in the virtual world rather than the natural world. Biophilic design comes in many forms – from using natural materials like **wood** and creating lush **indoor gardens** to developing expansive **transitional spaces** that seamlessly connect the indoors and outdoors.

BETTER URBAN LIVING



A VIEW FROM THE OUTSIDE

EXTERIOR CLADDING TRENDS

Thermory Clear Pine cladding in New-Zealand
by Ben Hudson architects
Photo: Sarah Rowlands

GET CREATIVE

No. 3

PLAYFULNESS WITH MIXING AND MATCHING

Just because **natural wood** has a traditional look, it doesn't necessarily have to be conventional and uninspiring. Don't be afraid to break the mold and complement the classical appearance of wooden sidings with a little twist – sometimes it's good to think outside the box and create something surprising. It's time to stimulate your creativity – **mix and match** for eye-catching results, giving depth to your facade by creating a beautiful **play of shadows** in changing light conditions. Profiles can be installed vertically with screws or nails, and depending on the profiles you choose, you can select either **hidden or visible fixings**.



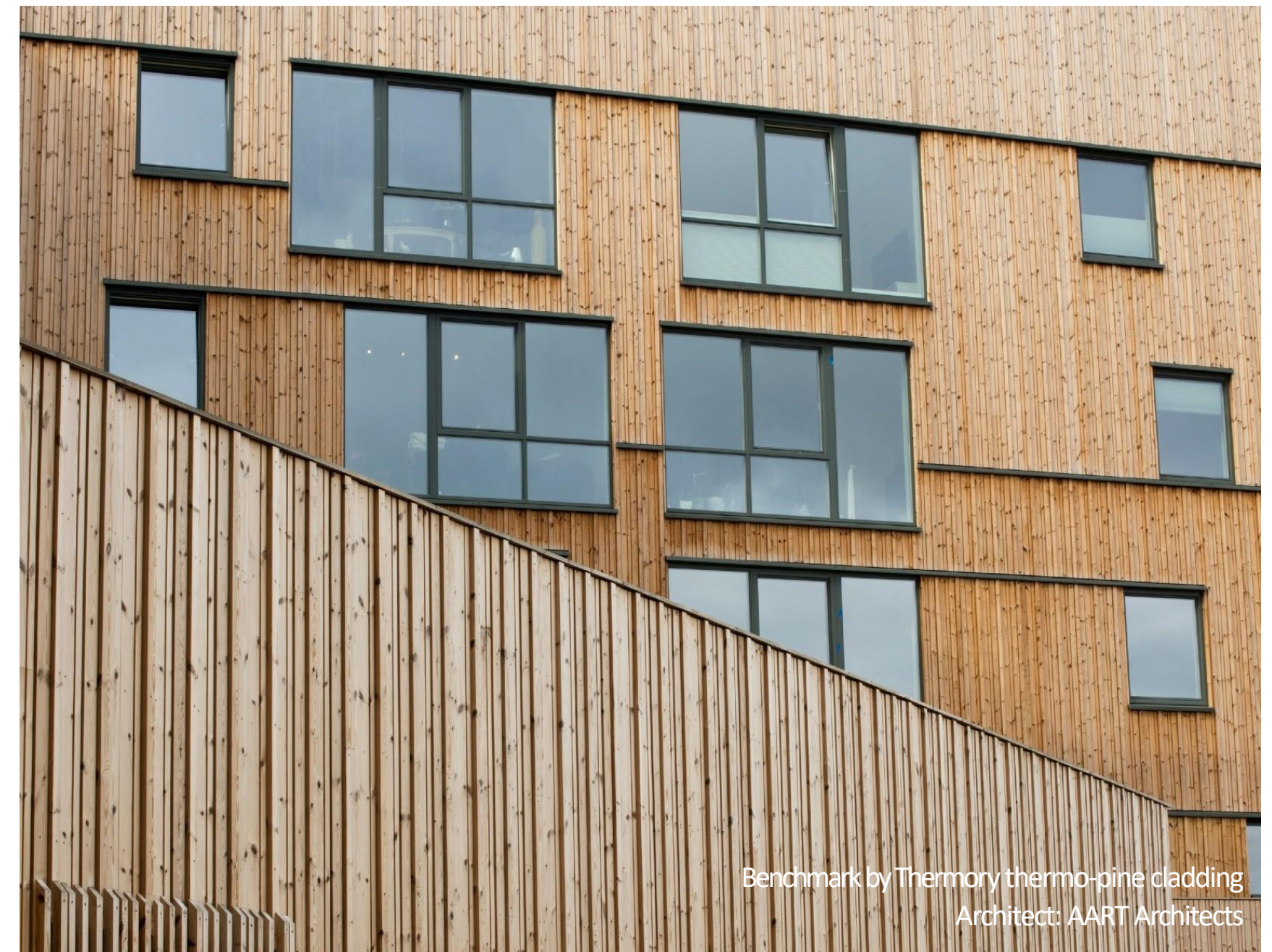
NOA restaurant by KAMP Architects
Benchmark by Thermory thermo-ash cladding
Photo: Elvo Jakobson



MIX & MATCH PROFILES

GET CREATIVE

Depth and shadows





NO.4

CREATING CONTRASTS

PAINT IT BLACK

Sleek, bold, and modern. Black timber cladding ticks many boxes that architects and homeowners are looking for. It gives buildings a contemporary, minimalist look that allows **architecturally** designed houses to stand out, no matter if the building is situated in busy urban environment or surrounded with vibrant greenery. Black cladding is a **striking complement** to other materials like concrete and can create a sense of depth, texture and dynamic external facades. Modern technology, including thermal modification, makes coated timber also a **durable** and **low-maintenance** choice.

DARK AS THE NIGHT

Private house in Netherlands
Vivid Opaque by Thermory thermo-spruce cladding
Distributor: Interfaca



Private house in Netherlands
Vivid Opaque by Thermory thermo-spruce cladding
Photo: Flare Department
Distributor: Interfaca

VIVID BY THERMORY

As black as it gets

Traditional material, contemporary solutions. The thermally modified spruce cladding boards are coated with weatherproof paint, giving it a maintenance interval of 10 to 15 years depending on the coating thickness you choose.

IGNITE BY THERMORY

Details that matter

With cladding that has a charred wood appearance, your home will be anything but ordinary. Ignite cladding provides the same appealing look, with durability all the way through to the core.





LET NATURE TAKE ITS COURSE

No. 5

AGING WITH DIGNITY

As a natural material, the colour of wood alters over time - and there is no exception with our enhanced timber products, which gradually take on an attractive gray patina as they age. Over time, the wood will begin to take on a gray color – this can vary from a bold silver or platinum gray to a lighter rustic tone depending on the wood and the conditions it has been exposed to over time. Not only is this beautiful, but it is also practical as it requires **very little maintenance**. Silver, just like George Clooney, never gets old nor goes out of style.



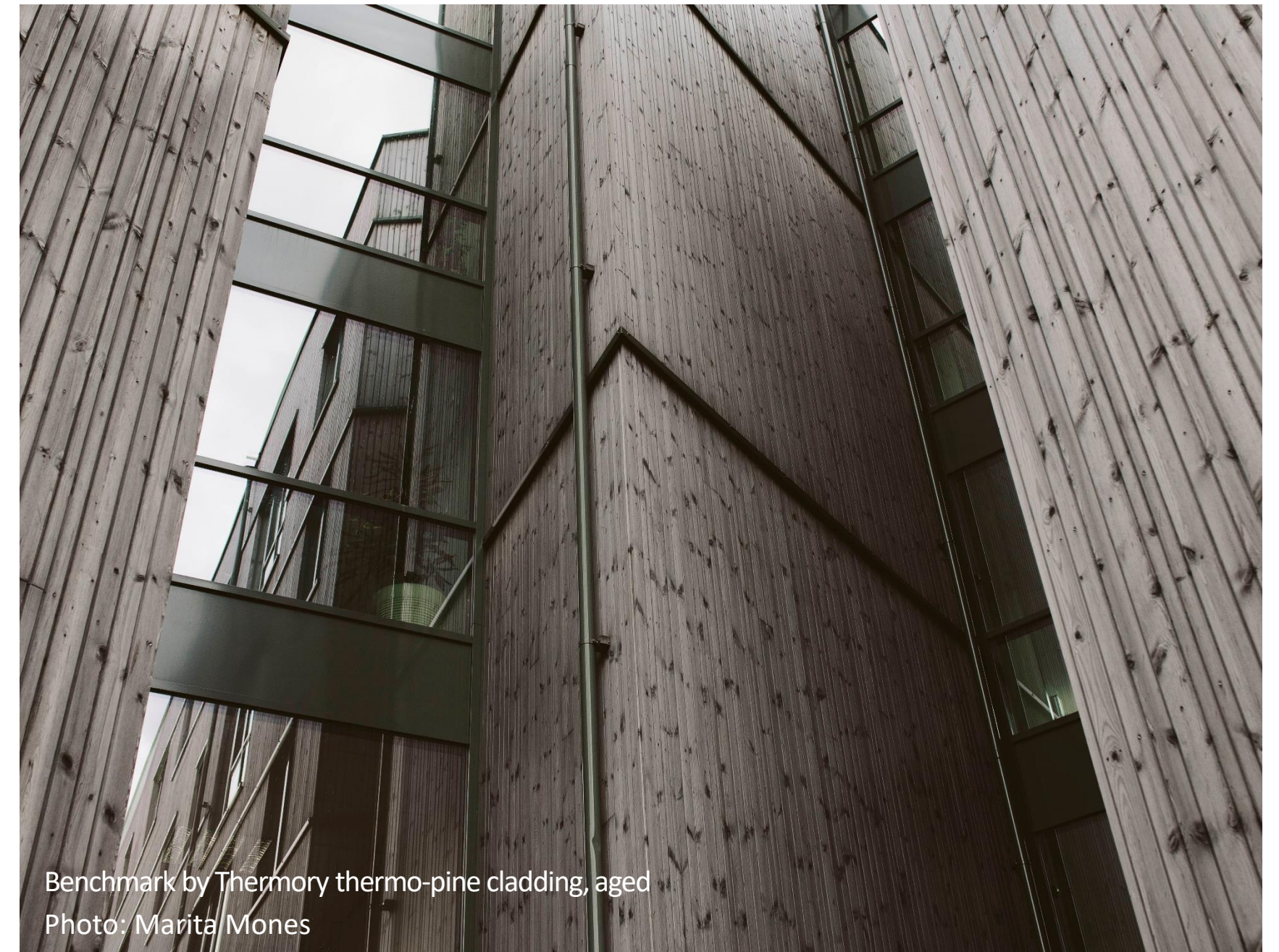
Benchmark by Thermory thermo-pine cladding, aged
Photo: Marita Mones



AGING OF THERMOWOOD

LET NATURE TAKE ITS COURSE

Good things take time



Benchmark by Thermory thermo-pine cladding, aged
Photo: Marita Mones



IT'S WHAT'S ON THE **INSIDE** THAT COUNTS

WOOD IN INTERIORS

Benchmark by Thermory thermo-ash cladding
Photo: Flare Department
Distributor: Interfaca



Accent by Thermory SRP wall panels
Photo: Elvo Jakobson

NO.6

MAKE A STATEMENT

ACCENT WALLS

Give your walls the attention they deserve! With a little imagination, the walls can become highlights of the entire house! Slatted wood can be used as interior wall paneling in modern and contemporary homes and offices. This is a good idea for those who look for **dimension** and **texture**.

Accent walls have the power to create interest for the eye without overtaking the whole room. If you're looking to add a **sleek finish** to your modern design, then this just might be the winner. After all, your room has only 4 walls – make at least one of them count!

TEXTURE IN INTERIOR



HERRINGBONE PATTERN

Zig-zag through the rooms

STRAIGHT LINES

Heightened attention to the walls



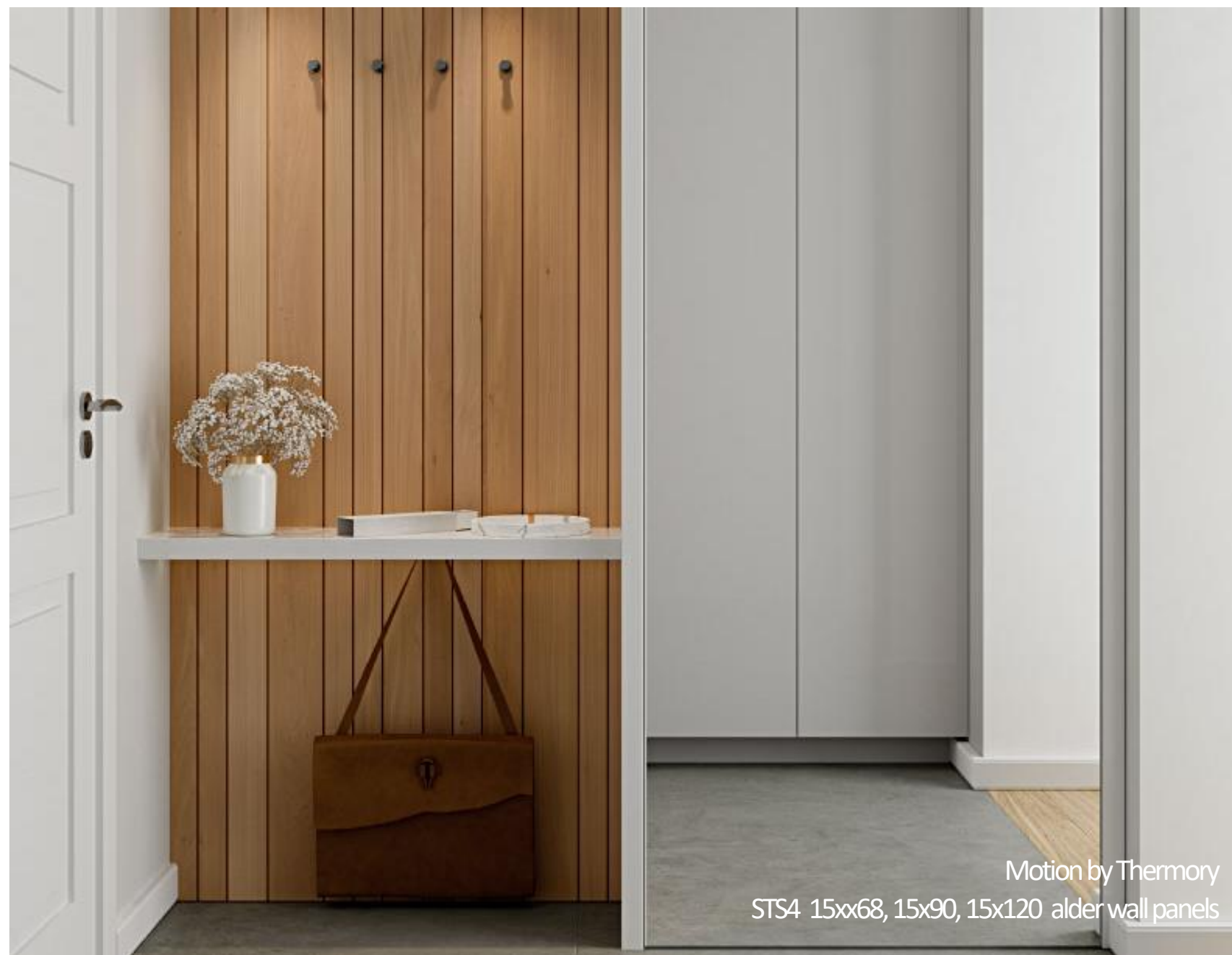
Benchmark by Thermory thermo-ash cladding
Photo: Terje Ugandi
Architect: KAMP Architects



TEXTURE IN INTERIOR

MIX AND MATCH TO CREATE PATTERNS

Enhance small spaces





A SPECTACLE OF HUES

No. 7

EARTHY & PASTEL COLORS

Color does much more than affecting the way you think and feel. It gives any interior a considerable character. You can combine complementary or similar colors - choose two, three or even more harmonious hues. Even with earthy colors you can choose between more muted palette or lively tones. Reflect your personality onto the walls and let your house be your canvas! Why not try combining **painted walls** and **natural color wood** cladding - an excellent way of creating a striking pop of textural contrast.



Vire wall panels by Siparila



Benchmark by Thermory thermo-radiata pine
Photo: Elvo Jakobson

NO.8

TAKE A MOMENT TO RELAX

WELLNESS AT HOME

Although inspired by the pandemic, health and wellness trends reflect long-term changes in society. It could be from virtual yoga sessions with others, running outdoors alone, saving for a rainy day, or building your very own **wellness sanctuary** at home, complete with sauna. Taking care of your physical and spiritual well-being has become a priority for many. **Saunas** have a strong tradition going back many centuries (or perhaps even longer) and it has many benefits for mental and physical well-being which explains its **increasing popularity** all over the world.

WELLNESS TRENDS



REAL WOOD CLADDING

Why thermally modified wood?

BUILDING SUSTAINABLY

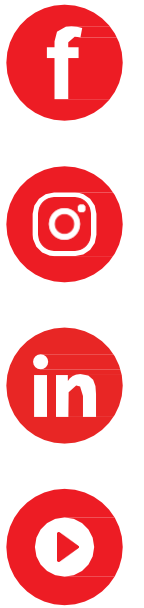
Wood is an absolute **gem** in the world of building materials. It's reliable for even the most demanding designs. And we've taken it a step further by naturally modifying the wood's properties to create an extremely **durable** and **climate-resistant** material with unrivaled **performance** and **sustainability** compared with the usual alternatives such as plastic composites, chemically treated timber and tropical hardwoods. Irregular shapes call for reliable materials that can offer much-needed stability. Create breathtaking designs that **leave a lasting impact**.

DURABILITY

Worried about the lifetime of your cladding and the maintenance of natural wood? Thermally modified timber is not susceptible to fungus, mold or bacterial organisms, which is why exteriors made from thermally modified wood last significantly longer than other wood exteriors. Therefore, there is no need to replace a structure made with thermally modified products as often as one made with regular wood. In comparison to non-modified timber, it needs a lot **less maintenance**, which means more free time for you. Thermal modification has a distinct **exotic look**. Want the durability, but don't want to compromise on aesthetics? We feel you!

LEAVE A LASTING IMPACT

WWW.THERMORY.COM



For more than 20 years, we've worked closely with architects, designers, real estate developers and specialized distributors across the world. Through this network of like-minded partners, we've implemented thousands of beautiful projects across 50+ countries on every continent.

If you share our **passion for wood**, **drive for innovation** and **commitment to sustainability**, get in touch to find out how Thermory can help you achieve your goals.