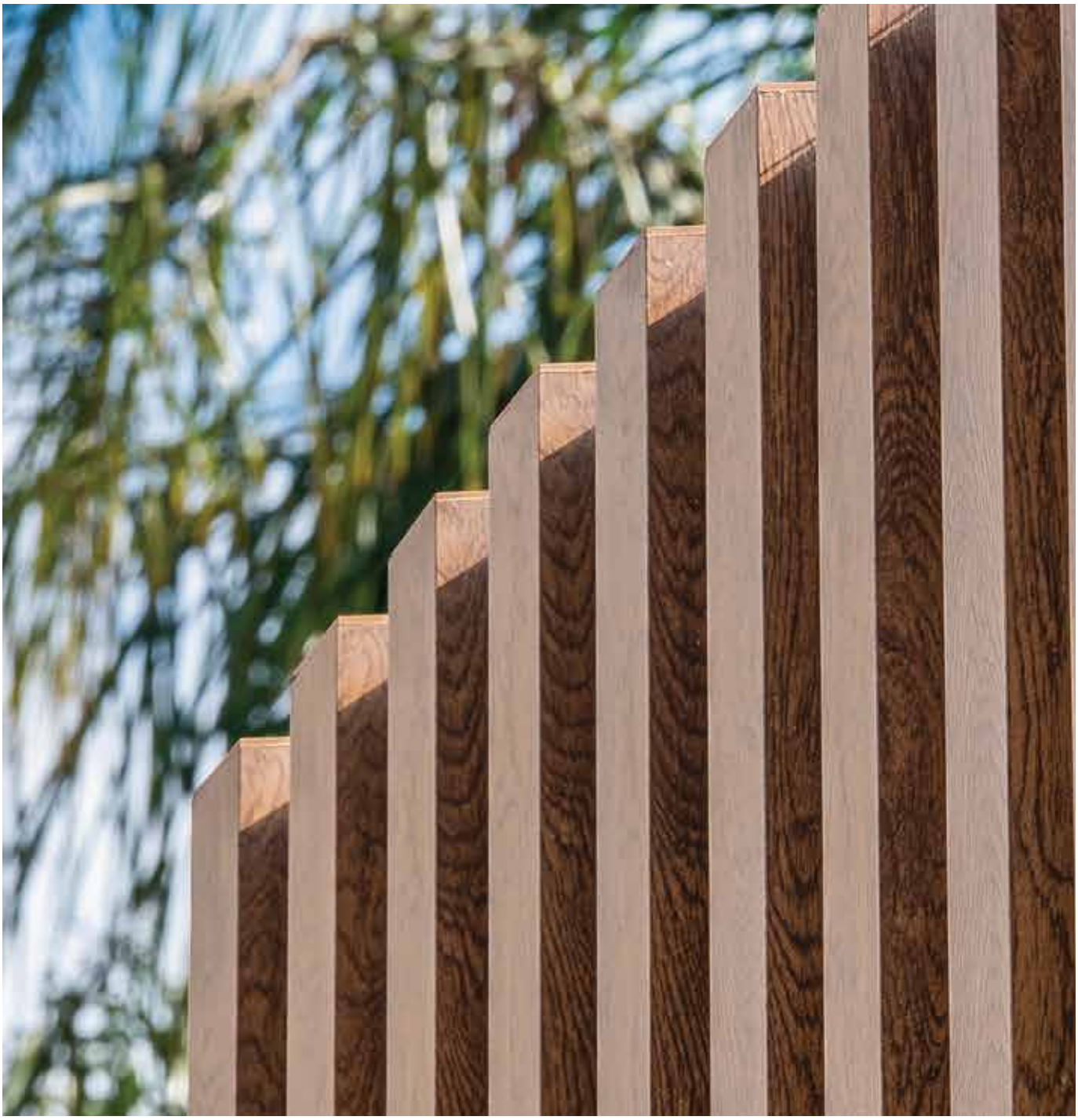
Modinex

Powder on Powder Timber Grain

Bespoke timber — Architectural signatures



Next Generation Timber Grain Coating

Longevity through innovation

Aluminium is a popular alternative to timber and composite for cladding and screening applications, but the coating process lacked innovation until recently. Modinex's aluminium ranges utilises an innovative new 'Powder on Powder' coating process, unlike the usual sublimation method resulting in a much more durable product with realistic patterns that stand the test of time.

The quality of finish that our Aluminium range provides using the 'Powder on powder' coating process is the highest standard available to withstand Australia's harsh UV.

Why we choose 'Powder on Powder' coating over 'Sublimation'

The decision by Modinex to switch from the sublimation timber grain process (ink over powdercoat) to a next-generation double-baked powdercoat system for their aluminium ranges is driven by several compelling reasons, as you've outlines to a:

— Warranty Offering
— 3D Grain Texture
— No Pattern Repeat
— Enhanced Durability
— Innovative 'Powder on Powder' Coating Process

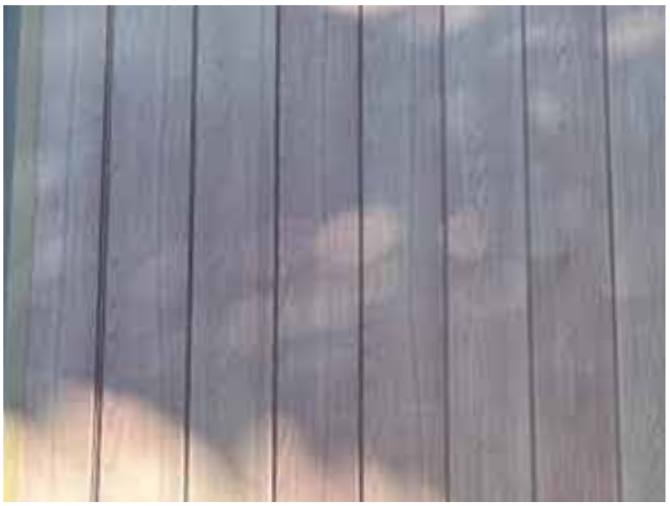
NOTE	SUBLIMATION TIMBER GRAIN	POWDER OVER POWDER TIMBER GRAIN
Structural Warranty	10 year warranty on bonding of film to powdercoat	25 years warranty on the bonding of powdercoat to powder
Fading Warranty	0 year	15 years
3D timber grain (you can feel the grain when running your hands over it)	No (very smooth)	Yes (grain is raised)
Repetitive Pattern Repeat	Yes	No
Variety of grain patterns available	No	Yes

What makes our Aluminium range a class apart?

Warranty Offering

With the new double-baked powdercoat system, Modinex can offer a 25-year structural warranty and a 15-year warranty against fading. This is a significant improvement compared to sublimation, where no warranty against fading is typically provided because ink is used in the process. This warranty coverage provides customers with peace of mind regarding the long-term performance of the product.

Please refer to the below images showing the UV effective on the Sublimation coating process, ink over powder coat.



3D Grain Texture

The dual-layer process of the double-baked powdercoat system results in a 3D grain texture. This textured finish mimics the natural texture of timber, enhancing the aesthetics of the aluminium product. The 3D grain texture can make the material look and feel more like real wood, which can be particularly appealing for cladding and screening applications.

No Pattern Repeat

Another advantage highlighted is that there is no pattern repeat in the double-baked powdercoat system. Each length of the material has its own unique appearance. This feature adds to the authenticity of the product, making it more visually appealing and resembling the natural variation found in real wood.

Enhanced Durability

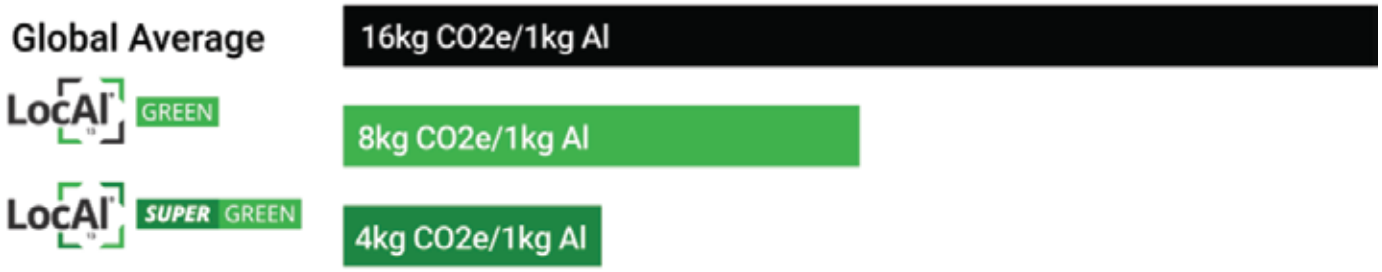
The statement also emphasizes that the double-baked powdercoat system results in a more durable product. This durability can be attributed to the improved UV resistance and overall robustness of the coating, which helps the product withstand environmental factors and maintain its appearance over time.

Innovative 'Powder on Powder' Coating Process

The 'Powder on Powder' coating process used by Modinex is highlighted as an innovative alternative to the traditional sublimation method. This process is designed to produce a more durable product with realistic patterns that can withstand the test of time, addressing the challenges posed by UV exposure and ensuring long-term performance.

In summary, Modinex's shift to the double-baked powdercoat system for their aluminium ranges, in partnership with Interpon, offers customers a range of benefits, including improved warranties, 3D grain texture, no pattern repeat, and enhanced durability. These features make their products more attractive and reliable for cladding and screening applications, providing a compelling alternative to natural timber.

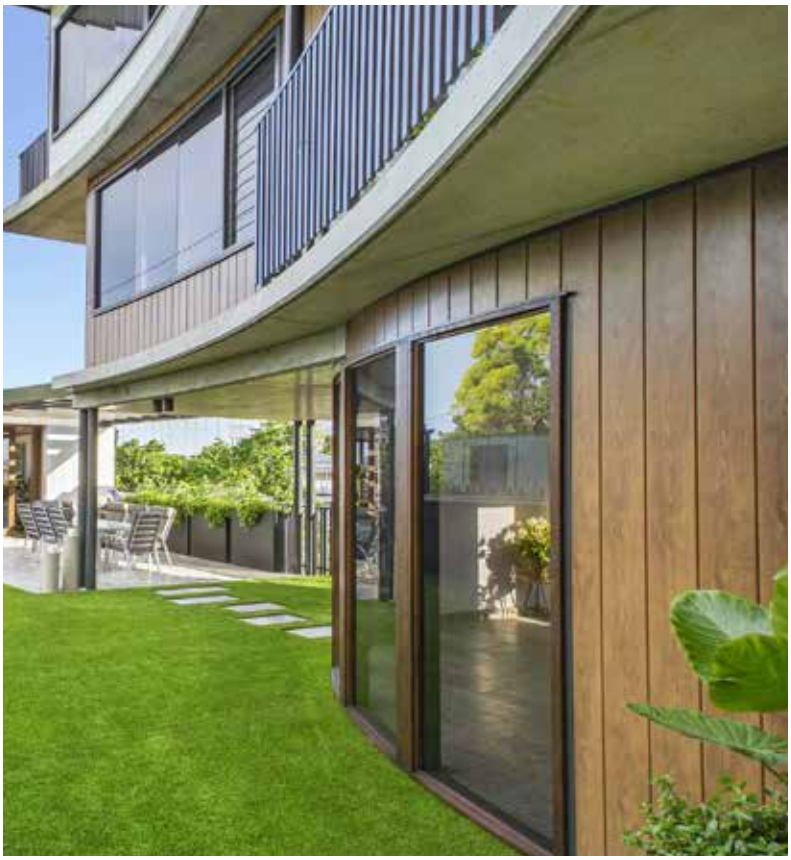
Modinex is committed to sustainability and reducing carbon emissions in its aluminum collection. The introduction of options of "LocAl Green" and "LocAl SuperGreen" that can reduce CO2 emissions by up to 75% is a significant step towards environmental responsibility and aligns with the growing demand for eco-friendly building materials.



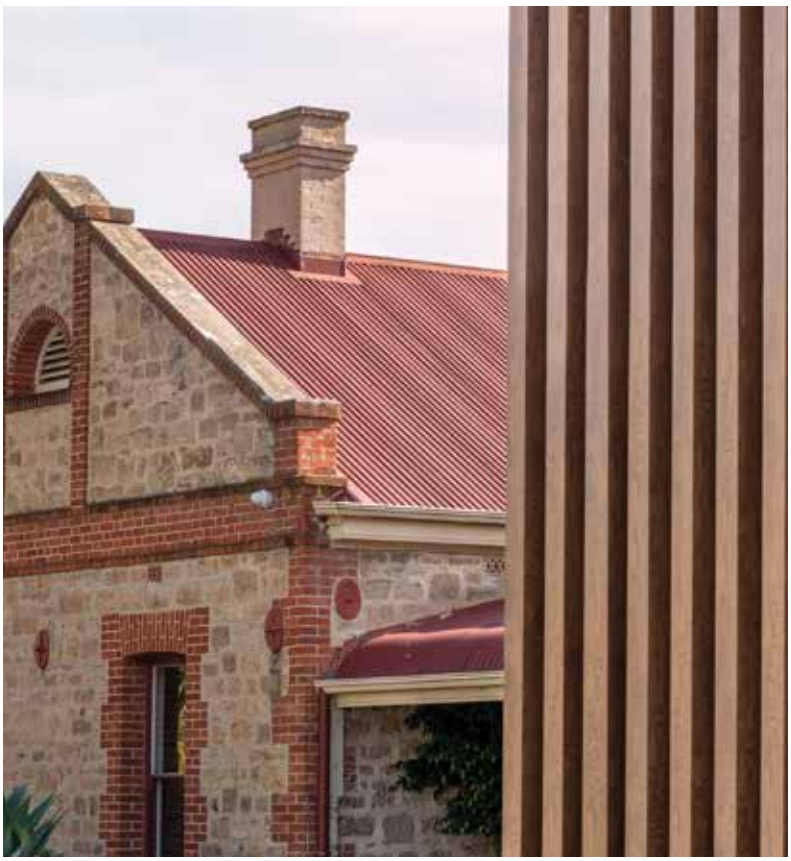
The application of the second powdercoat layer in product, known as top grain.

Featured Projects

Luxury Residence featuring Alu Selekta Channel in Dark Cedar



Hotel featuring Alu Battern in Dark Cedar



A sustainable future,
this can achieved by responsibly
using materials that offer a longer
product life cycle .