



MX-DURA Aluminium Timber Grain

Bespoke timber —  
Architectural signatures



## Next Generation Timber Grain Coating

Longevity through innovation

Aluminium has become a favoured alternative to timber for cladding and screening applications. The coating process has undergone an innovative transformation. Modinex's aluminium ranges now feature the groundbreaking 'MX-Dura timber grain' coating process, a departure from the traditional sublimation method. The result is a significantly more durable product with realistic patterns that unequivocally stand the test of time.

The quality of finish provided by our Aluminium range 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 powder coat) to a next-generation double-baked powder coat system for their aluminium ranges is driven by several compelling reasons, as outlined below:

- 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 powder coat	25 years warranty on the bonding of powder coat 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 Patten Repeat	Yes	No
Variety of gain patterns available	No	Yes





# What makes our Aluminium range a class apart?



## Warranty Offering

With our new double-baked powder coat system, Modinex confidently offers a 25-year structural warranty and a 15-year warranty against fading. This is a remarkable advancement from sublimation, which typically provides no warranty against fading due to the use of ink in the process. Our comprehensive warranty coverage assures customers of the long-term performance of our product.

## 3D Grain Texture

The double-baked powder coat system's dual-layer process definitively creates a 3D grain texture that authentically mimics the natural texture of timber, significantly enhancing the aesthetics of the aluminum product. This textured finish undeniably makes the material look and feel more like real wood, making it exceptionally appealing for cladding and screening applications.

## No Pattern Repeat

The double-baked powder coat system ensures that there is no pattern repeat. Each length of the material possesses its own unique appearance, adding authenticity to the product. This makes it more visually appealing and closely resembles the natural variation found in real wood.

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



## Enhanced Durability

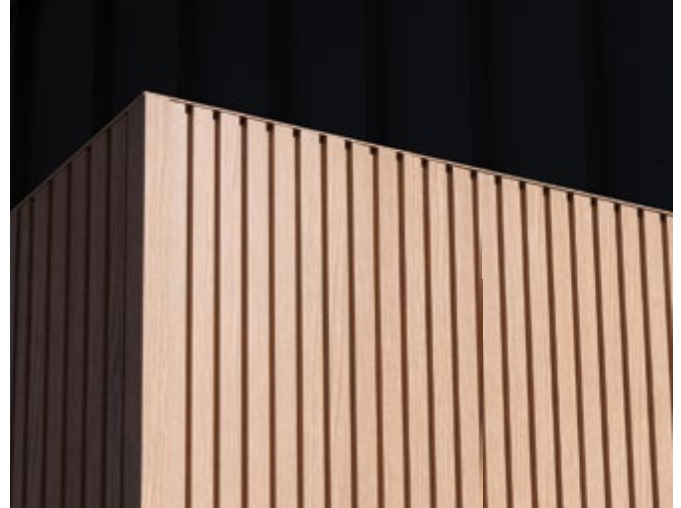
The statement strongly emphasizes that the double-baked powder coat system results in a significantly more durable product. This enhanced durability can be attributed to the improved UV resistance and overall robustness of the coating, ensuring that the product withstands environmental factors and maintains its appearance over time.

## Innovative 'Powder on Powder' Coating Process

The "Powder on Powder" coating process presented by Modinex stands out as an innovative alternative to the traditional sublimation method. This cutting-edge process is expressly engineered to deliver exceptionally durable products with lifelike patterns that can effectively endure UV exposure and guarantee long-term performance.

In conclusion, Modinex has implemented the double-baked powder coat system for their aluminum range in collaboration with Interpon to deliver numerous advantages. These include enhanced warranties, 3D grain texture, absence of pattern repetition, and increased durability. These distinct features elevate their products, making them an appealing and dependable choice for cladding and screening applications, effectively rivaling natural timber.

Modinex is fully committed to sustainability and actively reducing carbon emissions in its aluminum collection. The revolutionary introduction of "LocAl Green" and "LocAl SuperGreen" options, capable of reducing CO2 emissions by up to 75%, marks a pivotal stride towards environmental responsibility. This unequivocally aligns with the surging demand for eco-friendly building materials



Global Average

16kg CO2e/1kg Al

LocAl GREEN

8kg CO2e/1kg Al

LocAl SUPER GREEN

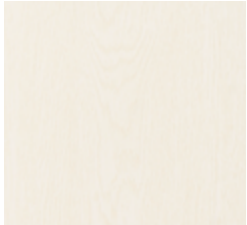
4kg CO2e/1kg Al



# Aluminium Timber Grain Finishes

## — MXDURA

The MX Dura timber look finish is a next-generation signature double baked powder coat timber grain finish with a 3D grain, 25-year structural warranty and 15-year fading warranty for internal and external use.



Light Oak



Tasmanian Oak



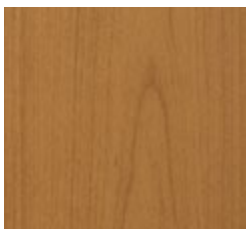
Blackbutt



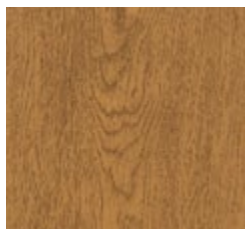
Cedar



White Oak



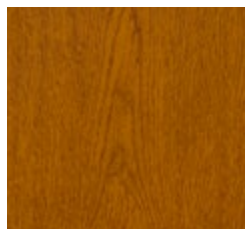
Spotted Gum



Dark Cedar



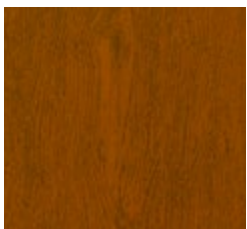
American Oak



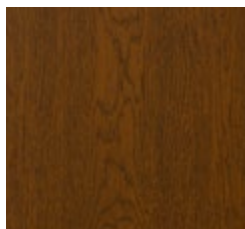
Brushbox



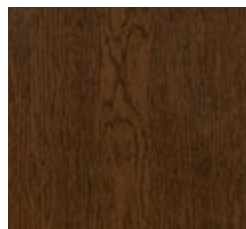
Meranti



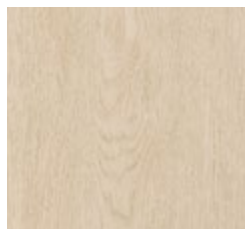
English Oak



Brown Oak



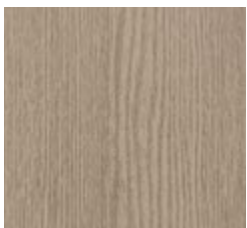
Dark Smoked Oak



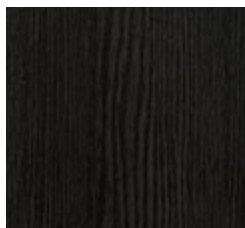
Sivertop Ash



White Birch



Silver Oak



African Ebony

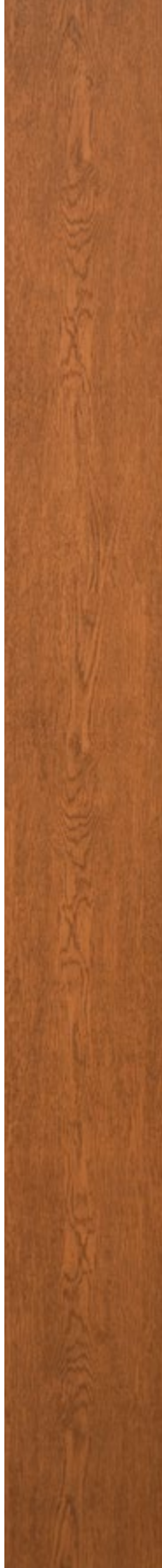


Midnight Carbon



# Timber Grains

Oak Grain



Cedar Grain



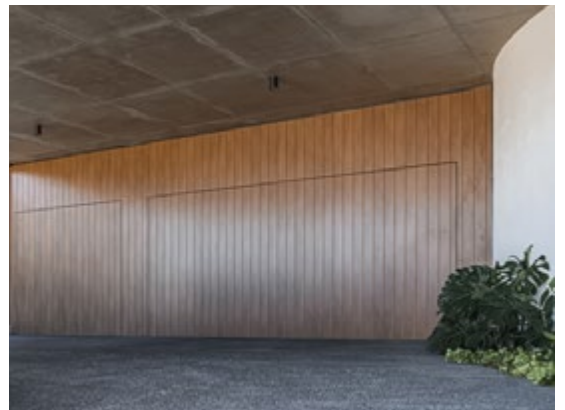
Ash Grain



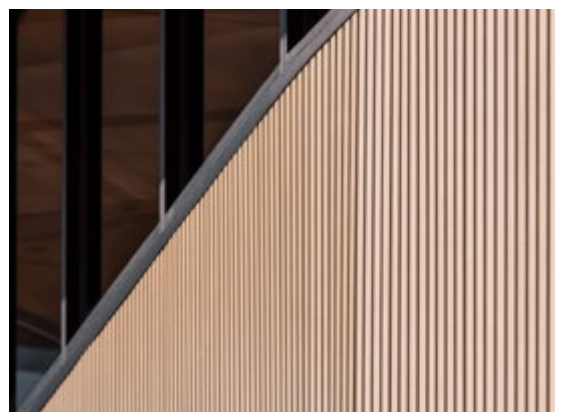
# Featured Projects

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Luxury Residence Project featuring Alu Seleкта Channel in Dark Cedar



Luxury Commercial Project featuring Alu Seleкта Channel in Light Cedar





Create a sustainable future, by  
using materials responsibly,  
offering a longer product life cycle.

