

TILE WAREHOUSE

ALPINE
STONE COMPOSITE

Technically Advanced Overlay Flooring System
WATER-RESISTANT. DURABLE. QUALITY.

ALPINE Stone Composite Flooring provides exceptional durability, stability, and impact resistance.

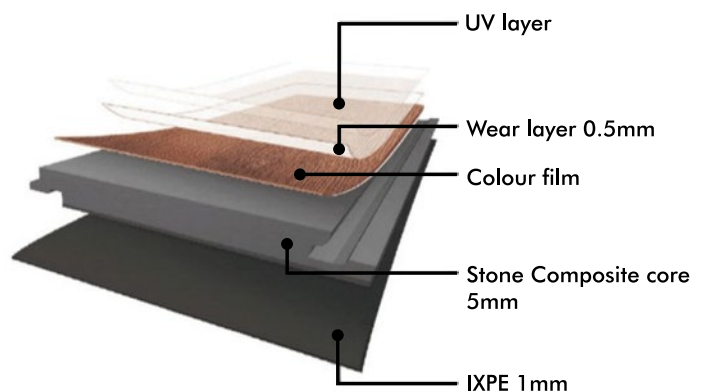
Get the look and feel of **timber** without the susceptibility to water and UV damage as well as resealing and maintenance programmes. Floors should be made to last.

Our proven ALPINE flooring provides the warmth of timber with the durability of stone. An innovative click-together system alongside the pre-applied acoustic layer, allows for quick and easy installation.

Warmth of timber. Durability of stone.
ACOUSTIC OVERLAY FLOORING SYSTEM



The ALPINE Advantage: COMPOSITION



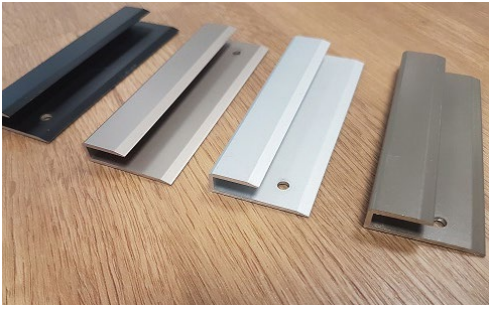
ALPINE planks are made up of five distinct layers, each working in partnership to create a floor that will stand up to the tough demands of life. These layers are bonded together in a one-step heat fusion process, not glued, so they won't delaminate.

Can be installed in: Kitchens, Living Rooms, Living Areas, Entrances and Hallways.

NB: Alpine is water resistant and not a waterproof system. We do not recommend ALPINE be used over waterproof membranes as water could pool in the void and encourage mould. The safest waterproof system for wet areas in your home is a compliant waterproof membrane encapsulated by tiles in accordance with the NZ Building code.

NB: SPC is not recommended for areas of high sun & high temperatures over 60°C.

We have the full ALPINE system ready for installation with accompanying trims in various colour options available!



Alpine Plank End Trim



Alpine Plank Edge Trim



Alpine Stair Trim

THE ALPINE RANGE

Plank Size: 230x1524x6.5mm



ALPINE
European Oak



ALPINE
Blackbutt



ALPINE
French Oak



ALPINE **Black**
Roasted Oak



ALPINE
Tasmanian Oak



ALPINE
Californian Oak

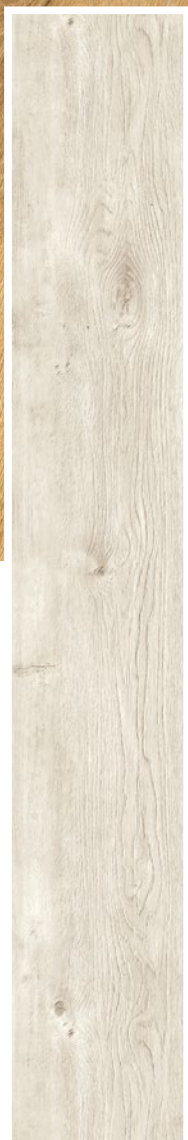


ALPINE
Spotted Gum

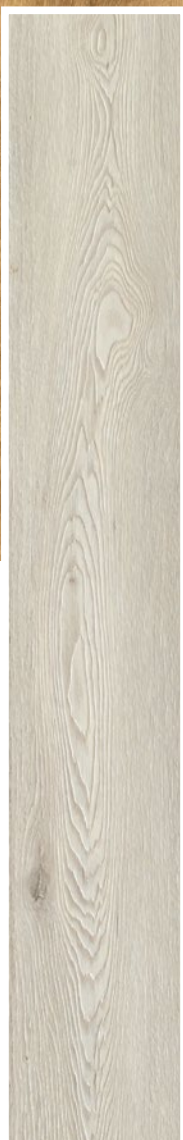
Stone Composite Flooring Solution

14
COLOURS
AVAILABLE

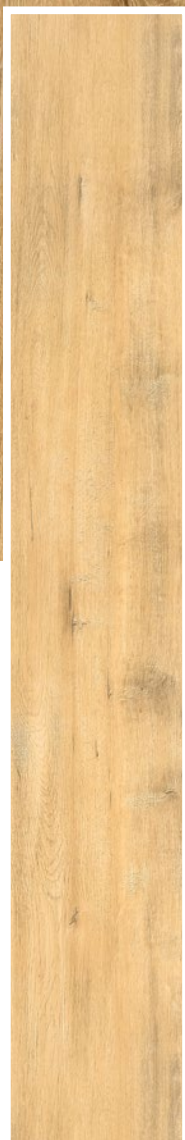
Authentic Oak design



ALPINE
Clifton White



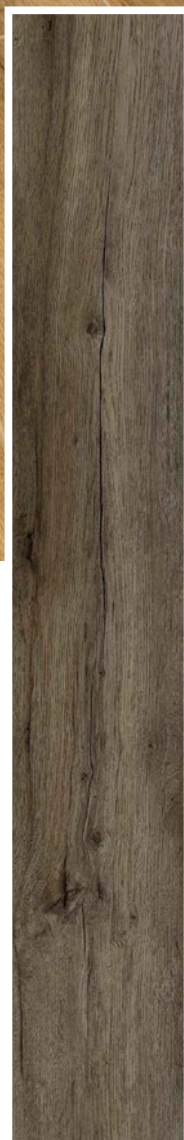
ALPINE
Chobe Oak



ALPINE
Golden Pine



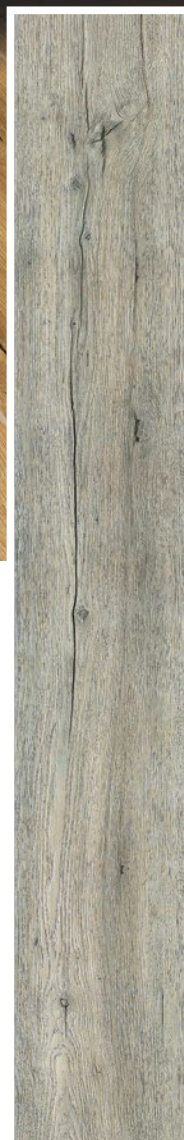
ALPINE
Letaba Wood



ALPINE
Mara Coffee



ALPINE Maroela
Almond



ALPINE Safari
Leadwood

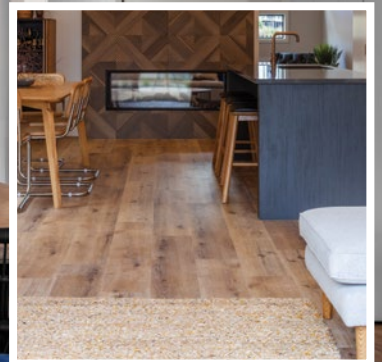
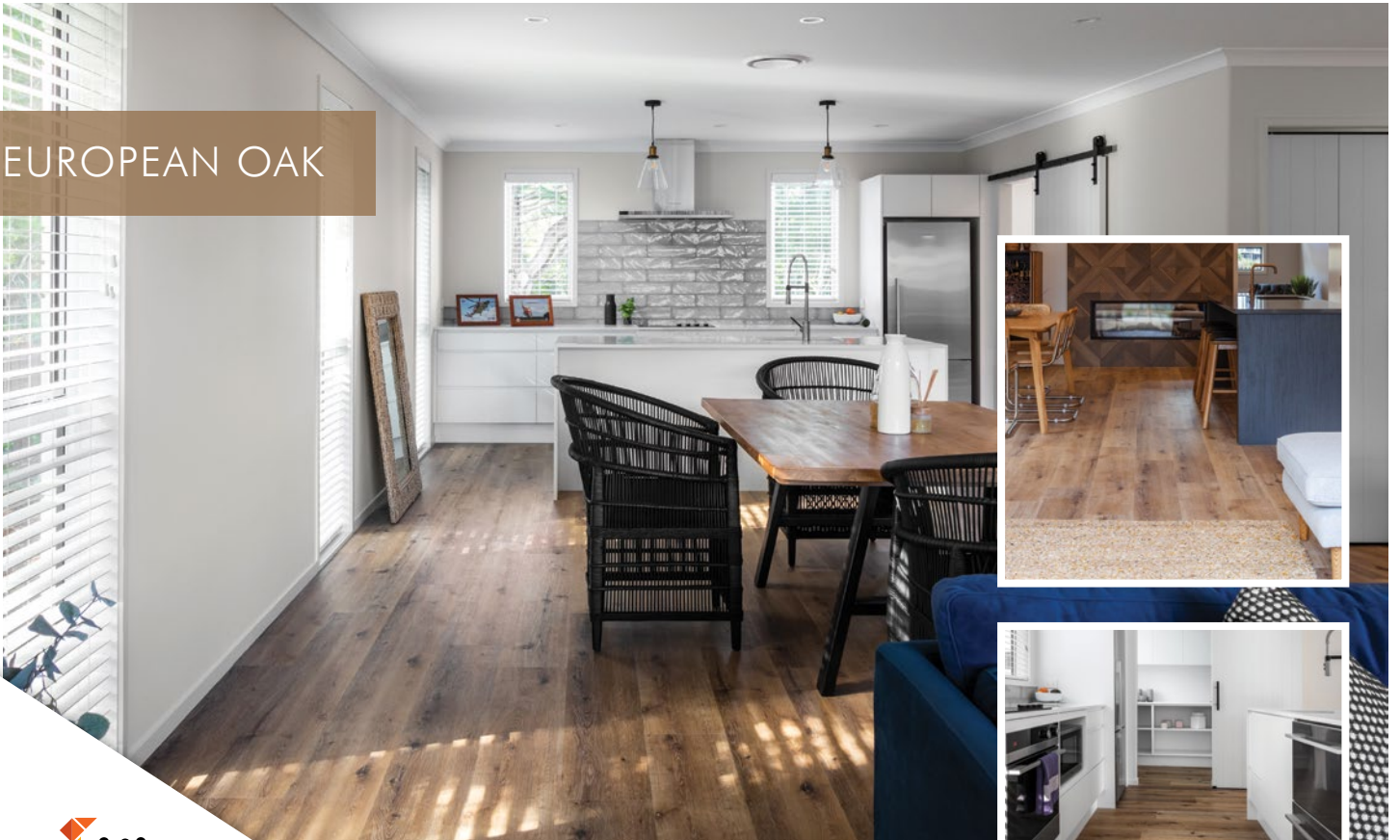
10 Year Guarantee

ALPINE
STONE COMPOSITE

CALIFORNIAN OAK

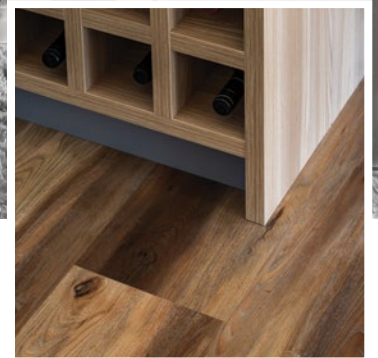


EUROPEAN OAK





SPOTTED GUM



CHOBE OAK



LETABA WOOD



Stone Composite Flooring Solution

BLACKBUTT



GOLDEN PINE



CLIFTON WHITE



MARA COFFEE



MAROELA ALMOND



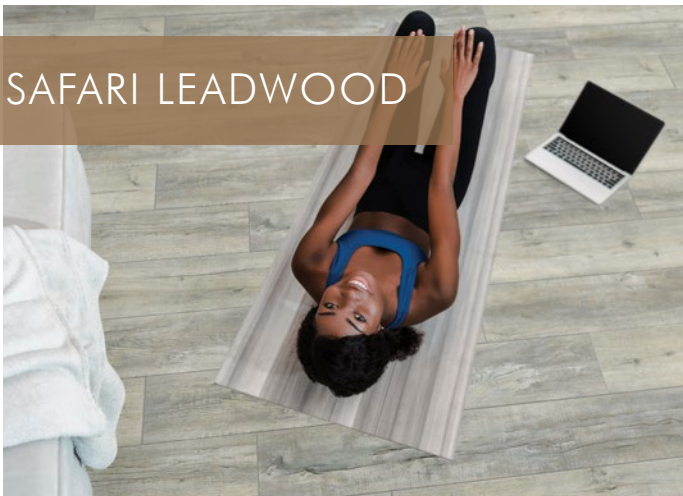
TASMANIAN OAK



BLACK ROASTED



SAFARI LEADWOOD



FRENCH OAK



Stone Composite Flooring Solution



Excellent
acoustic
noise-absorption
properties

BENEFITS

- Stone Composite is 4x more dimensionally stable than LVT and 10x more impact resistant than WPC
- Free of VOCs (Volatile Organic Compounds)
- Water resistant
- R9 slip resistance
P3 slip resistance (.37 Pendulum wet test)
- STC (Sound Transmission Class) = 67
- IIC (Impact Insulation Class) = 69
- Wear class 34 - heavy commercial
- Higher density, more rigid and more durable than laminate flooring means minor subfloor imperfections will not telegraph through
- Environmentally conscious primary material of 70% Limestone resulting in with extra rigidity
- Stain resistant
- Easy to maintain and clean
- Clear and concise installation methodology
- Easy click installation
- Large area installation without transitions
- Lower sound transmission; backed with IXPE. IXPE is in high demand as an acoustic soundproof material because of its exceptional qualities.

IXPE Foam:

- Sound-absorption and excellent insulation effect
 - Impact resistance and can be restored after strongly pressing
 - With the highest grade mechanical properties
 - Excellent thermal insulation, waterproof and moisture-proof
 - Non-toxic, odourless, chemical/oil/acid resistant
- The I4F “fold down” locking system has a far superior locking strength
 - Made from all Virgin material yet 100% recyclable
 - Orthophthalates-free, No DOP, No DINP
 - FloorScore accredited production
 - In the case of a flood, floor can be unzipped, dried and re-laid (unlike laminate, carpet or wooden flooring).



PHYSICAL PROPERTIES

| | Category | Test Method | Requirement | ALPINE | Result |
|---|------------------|------------------------|---------------------------------------|---------------------------------|---------------------------------|
| Heat exposure resistance 60°C | EN 16511 | ISO 23999 | $\Delta W/\Delta L \leq 0.25\%$ | 0.03% | Exceeds requirement |
| | ASTM 1700 | ASTM F2199 | $\Delta W/\Delta L \leq 0.16\%$ | 0.03% | Exceeds requirement |
| Dimensional variation (humidity change) | EN 16511 | ISO 24339 | $\Delta W/\Delta L \leq 0.15\%$ | $\Delta W/\Delta L \leq 0.01\%$ | Exceeds requirement |
| Swelling after submersion in water | EN 16511 | ISO 24336 | $\leq 12\%$ | 0% | Exceeds requirement |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | $\leq 12\%$ | 0% | Exceeds requirement |
| Thermal conductivity | En 14041 | EN 12667 | class | 0.173 W/(m.k) | Complies sub-floor heating |
| Thermal resistance (R value) | ASTM C518 | EN 12667/ASTM C518 | class | 0.033 m ² ·K/W | Complies sub-floor heating |
| Reaction to fire | EN 14041 | EN 13051-1 | class | CHF = 9.4kW/m ² | Class Bfl-S1 |
| Fire resistance (CHF) | ASTM E648 | ASTM E648/662 | class | 0.94 W/cm ² | Class I |
| Wear resistance (20Mil) | IOS 1518 | ISO 1519-1 | $\leq 0.015\text{g}/1000 \text{ rev}$ | 0.008 | Pass |
| | EN 16511 | EN 13329 | $\geq 4000 \text{ cycles}$ | 9600 | Class 34, Heavy commercial |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | $\geq 6000 \text{ cycles}$ | 9600 | Class 4, Heavy commercial |
| Scratch | ISO 1518 | ISO 1518-1 | $\geq 2500\text{g}$ | 3500g | Pass |
| Peeling strength | EN 649 | EN 431 | $\geq 60\text{N}/50\text{mm}$ | 65 | Pass |
| Surface bonding | NALFA LF 01-2011 | EN311/NALFA LF 01-2011 | $\geq 1.5 \text{ N}/\text{mm}^2$ | 1.56 N/mm ² | Class 4, Heavy commercial |
| Static load | NALFA LF 01-2011 | ASTM F970 | $\geq 13.8\text{Mpa}$ (2000psi/450kg) | 0.05mm - Pass | Class 4, Heavy commercial |
| Residual indentation | ASTM F1700 | ASTM F1914 | $\leq 8\%$ (140 lbs/63kg) | 1.90% | Exceeds requirement |
| | EN 16511 | EN 433/ISO 24343-1 | $\leq 0.15\text{mm}$ | 0.03 | Class 34, Heavy commercial |
| "Impact resistance (big ball)" | EN 16511 | EN 13329 | $\geq 1800\text{mm}$ | ≥ 1800 | IC3, Class 34, Heavy commercial |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | $\geq 1400\text{mm}$ | ≥ 1400 | Class 4, Heavy commercial |
| "Impact resistance (small ball)" | EN 13329 | EN 438 | $\geq 15 \text{ N}$ | 23 | IC3, Class 34, Heavy commercial |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | $\geq 500\text{mm}$ (19.7 in) | 1000 | Class 4, Heavy commercial |
| Slip resistance | EN 14041 | EN 13893 | DryCOF ≥ 0.3 | 0.51 | Class DS |
| | ASTM C1028 | ASTM C1028 | ≥ 0.5 | Dry: 0.8, Wet: 0.76 | Meet ADA recommendation |
| | ASTM C1028 | D 51130 | $\geq \text{R9}$ | R9 | Anti-slip resistance R9 |
| Colour fastness to light | EN 13329 | ISO 105-B02 Method 3a | $\geq \text{Grade 6}$ | ≥ 6 | Pass |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | Slight change only | Slight change only | Class 4, Heavy commercial |
| Resistance to staining | | | Group 1 and 2: | Group 1 and 2: | |
| | EN 16511 | EN 438-2 | grade 5, group 3: | grade 5, group 3: | Class 34, Heavy commercial |
| | | | grade 4 | grade 4 | |
| | ASTM F1700 | ASTM F925 | Slight change only | Slight change only | Pass |
| | NALFA LF 01-2011 | NALFA LF 01-2011 | Slight change only | Slight change only | Class 4, Heavy commercial |
| Castor Chair | ISO 10582 | ISO 4918 | Slight change only | Slight change only | Pass |



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0800 289 845
www.tilewarehouse.co.nz

Tile Warehouse – Design & selection made Easy, from the floor up!