



ELITEBEAM CATALOGUE



TIMMDEK[®]
THE SUSTAINABLE WOOD COMPOSITE ALTERNATIVE

2025

CAT0006 | R1 | DLU: 12/02/25

www.timmdek.com

DECKING | TRIM | CLADDING | ELITEBEAM | BELTERPRO FASTENERS



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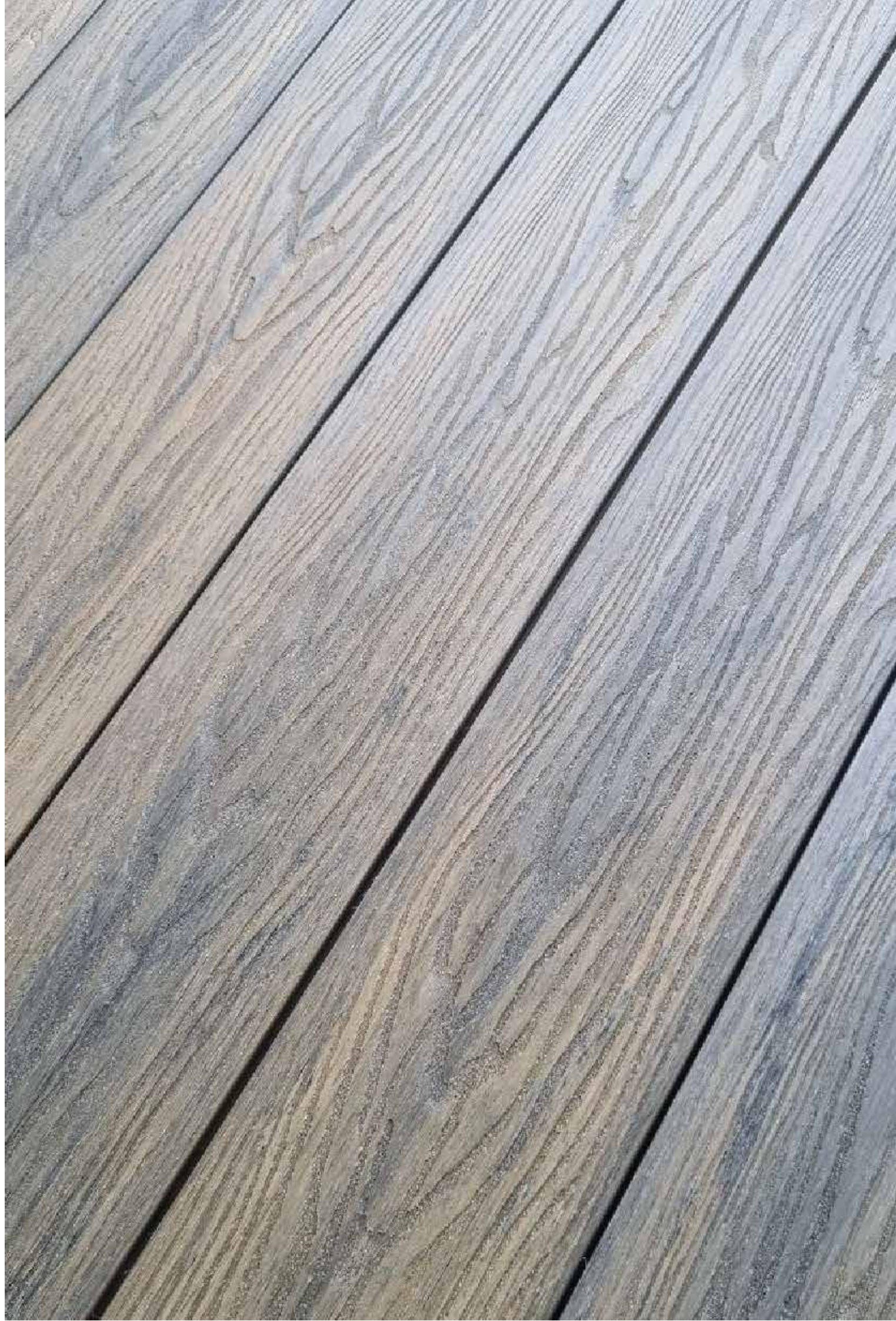
DOING OUR PART

TIMMDEK®'S ETHOS

ROCKIES RANGE

ELITEBEAM® COLLECTION

For a more comprehensive understanding of all our products, visit our website at www.timmdek.co.za. Explore our range of warranties and download our guides, spec sheets, and other useful documents. You can also request a sample box or pricelist to further assist you.





ABOUT TIMMDEK®

Bringing you the finest **quality** composite products. An ideal solution to suit **every** homes outdoor space.

Timmdek® has redefined the standard of excellence in the composite material industry by consistently delivering innovative, durable, and sustainable products that surpass customer expectations.

Our mission is to build trust and provide superior solutions that enhance outdoor spaces, ensuring that every customer can enjoy the beauty and functionality of their deck for years to come. With a commitment to quality, sustainability, and unmatched customer service, Timmdek®'s aim is to establish itself as the industry leader, setting a new benchmark for composite decking products.

Our company is characterised by a set of fundamental core values, they serve as the driving force behind our outstanding composite building materials and superior performance when compared to others in the sector.

PRODUCT QUALITY

Timmdek®'s success relies on its efficient management of the manufacturing process, which is challenging as it takes place in China's emerging industry. To ensure quality and accessibility, Timmdek® has established a capable facility there. Unlike many European companies, our inspectors not only inspect the final product but also actively participate in production. Our facility adheres to strict health, safety, and environmental regulations. Timmdek® offers a product limited guarantee of up to 25 years, depending on the composite product range.

SUSTAINABILITY

We believe Timmdek®'s Bamboo and recycled plastic composite products have great potential as a sustainable alternative. This fast-growing plant possesses hardwood-like qualities, making it an ideal substitute for tropical hardwood. Despite being manufactured in China and transported over long distances, Timmdek® has made significant efforts to ensure the environmental integrity of its products. Independent impact studies and carbon footprint assessments support our claims of being environmentally friendly. We are also committed to further reducing our ecological impact.

INNOVATION

Timmdek® is at the forefront of the advanced composite building materials industry, focusing on decking, cladding, and versatile multi-purpose beams which are used for cladding, railings, pergolas and the like. Our commitment to pioneering design distinguishes us as we continuously seek to offer ground-breaking solutions for the now and future. Through our proficiency in composite construction technologies, we can produce long-lasting and environmentally-friendly products that cater to the demands of contemporary architecture. Whether it involves elevating outdoor areas with trendy decking or achieving a polished look using our cladding and trim boards, we are dedicated to pushing the limits of both design and functionality.

CUSTOMER CARE

At Timmdek®, we pride ourselves on delivering an exceptional customer experience. Our unwavering commitment ensures that we consistently surpass our customers' expectations, going above and beyond at every interaction throughout the entire customer journey.



UTILISING **TIMMDEK®** COMPOSITE PRODUCTS BY CONTRASTING THEM WITH OTHER MATERIALS.

Timmdek® composite building materials are the epitome of eco-engineering. They enhance your home's exterior while being durable, low-maintenance, and environmentally friendly. We prioritise customer trust and exceptional products, creating Timmdek® as a solution to subpar composite materials and waste issues. Through our ongoing research and development,

TIMMDEK® COMPOSITE MATERIALS

TIMMDEK® THE ROCKIES TECHNOLOGY

 EXCELLENT	DURABILITY Resists mold, insects, fading and scratches. Wont warp, rot or splinter.	 EXCELLENT	EASE OF MAINTAINING DECK Cleans easily with soap and water as the capped layer makes it stain resistant.	 EXCELLENT	ENVIRONMENTAL RESPONSIBILITY Made of 95% recycled materials
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TIMMDEK® THE ALPS TECHNOLOGY

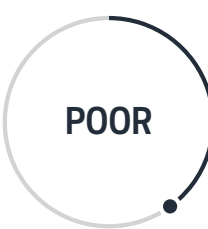
 GREAT	DURABILITY Resists mold, insects, fading and scratches. Wont warp, rot or splinter.	 EXCELLENT	EASE OF MAINTAINING COMPOSITE MATERIAL Cleans easily with soap and water.	 EXCELLENT	ENVIRONMENTAL RESPONSIBILITY Made of 95% recycled materials
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TIMMDEK® THE ANDES TECHNOLOGY

 GREAT	DURABILITY Resists mold, insects, fading and scratches. Wont warp, rot or splinter.	 EXCELLENT	EASE OF MAINTAINING COMPOSITE MATERIAL Cleans easily with soap and water.	 EXCELLENT	ENVIRONMENTAL RESPONSIBILITY Made of 95% recycled materials
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ALTERNATIVE MATERIALS

WOOD

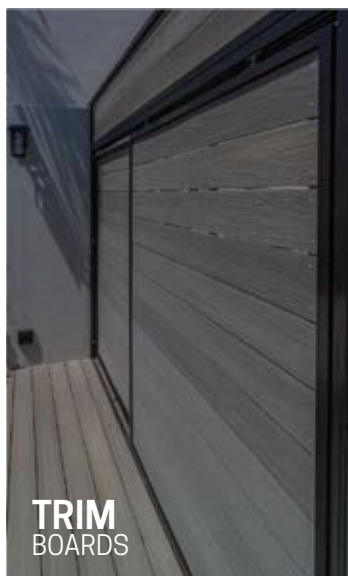
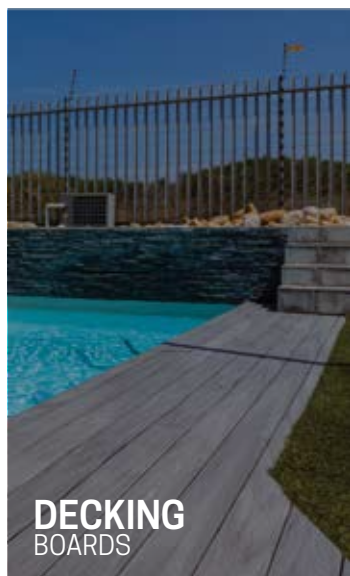
 GOOD	DURABILITY Tends to rot, splits, warps, fade and can stain easily	 POOR	EASE OF MAINTAINING WOODEN MATERIAL Requires yearly sanding, painting and sealing.	 VERY POOR	ENVIRONMENTAL RESPONSIBILITY Contributes to deforestation.
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PVC

 GOOD	DURABILITY Resists mold, insects, fading and scratches. Wont warp, rot or splinter. Can't bare heavy weight	 EXCELLENT	EASE OF MAINTAINING PVC MATERIAL Cleans easily with soap and water.	 POOR	ENVIRONMENTAL RESPONSIBILITY Made with virgin plastic
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TIMMDEK® RANGE OF COMPOSITE PRODUCTS AND BENEFITS .

At Timmdek®, we believe in putting our best foot forward with every single composite product we produce. Timmdek® was created as an answer to sub par composite products and a helpful solution to a growing environmental problem waste while offering great benefits.



TIMMDEK® COMPOSITE PRODUCT BENEFITS



LOW MAINTENANCE

Unlike traditional wood products, composite materials do not require regular staining, painting, or sealing to maintain their appearance, while cleaning composite products typically involves simple washing with soap and water.



SLIP RESISTANT

Our composite materials often feature slip-resistant surfaces, providing improved safety in both indoor and outdoor settings. This makes them a practical choice for areas where slip hazards are a concern.



MOISTURE RESISTANT

Our composite products are typically designed with a combination of materials, such as wood fibres and plastics, that inherently repel water, preventing moisture absorption.



WEATHER RESISTANT

Our composite products offer waterproof construction, durable surface finishes, resistance to mold and mildew, longevity in both wet and dry environments, making them a reliable and practical choice.



REALISTIC WOOD FINISH

Our composite materials are available in a wide range of styles, finishes, and textures, offering aesthetic appeal without the need for ongoing maintenance to preserve their look.



UV RESISTANT

Our composite materials exhibit excellent UV resistance, making them highly durable and well-suited for outdoor applications. Minimising the effects of fading or discolouration.



EASY TO INSTALL

Building a composite deck is relatively easy due to their uniformity and ease of handling. The consistent sizing and weight of composite decking boards simplify the installation process.



EXTREMELY DURABLE

Composite products are highly resistant to rot, decay, and insect damage, reducing the need for frequent repairs or replacements. Making them well-suited for all outdoor applications.



SUSTAINABLE MATERIALS

The use of recycled materials in composite products aligns with sustainable practices, while their long lifespan reduces the consumption of resources for replacements or repairs.



TIMMDEK® DOING ITS PART

At Timmdek®, we strive to create advanced eco-friendly composite building materials. This impact holds great importance because we are dedicated to using recycled and renewable resources, discouraging deforestation, and constantly seeking innovative ways to reduce our carbon footprint. This is the part of the journey where you, our valued client, also play a great role as it is in your decision to make use of us that also assists our planet.

However, the most crucial aspect of the difference we make lies in our approach to sustainability. By creating products in sustainable ways, we inspire others to follow suit and make a meaningful impact as well.



- All Timmdek® boards are made of 95% recycled materials.
- Timmdek® recycled over 70 million plastic bottles in a single year and saved over 87 million square meters of forest.
- Timmdek® has not felled a single tree since opening its doors.
- A standard Timmdek® board contains recycled materials from almost 2 200 plastic bags.



TIMMDEK® FIRMLY BELIEVES IN A PRODUCT THAT CREATES A SMALL CARBON FOOTPRINT .

Bamboo, recognised for its rapid growth and adaptability, is being utilised to produce a sustainable substitute for conventional materials that depend on deforestation. By harnessing bamboo, we can decrease our reliance on timber and help conserve our forests. This groundbreaking strategy demonstrates Timmdek® environmental responsibility.

TIMMDEK® ENVIRONMENTAL ETHOS

We produce Timmdek® composite products using a revolutionary combination of 95% recycled plastic and bamboo - that covers almost the entire material. Moreover, our company embraces eco-friendly manufacturing practices by recycling factory waste and avoiding the use of harmful chemicals. With our recycled ingredients, Timmdek® offers consumers a truly environmentally conscious option. Sustainability is deeply rooted in our company's ethos.



01 ENDLESS RESOURCE BAMBOO, NATURE'S RENEWABLE POWERHOUSE

Bamboo is a renewable resource that has the remarkable ability to grow faster than any other plant, with a growth rate of up to 1 meter per day! Each year, the mature stems, which are around 4-5 years old, are harvested, allowing space for the younger bamboo to thrive and reach maturity.

Timmdek® composite products are guaranteed to be CO₂ neutral throughout their entire lifecycle.

02 HEALTHY AND FIRE-RESISTANT HEALTHY AND FIRE-RESISTANT SOLUTION FOR YOUR HOME

Timmdek® composite products offer a health-conscious option due to their antistatic and anti-allergic properties. Additionally, they have minimal emissions of VOCs (Volatile Organic Compounds), which are harmful to health. The high density of Timmdek® composite products allows them to meet rigorous fire safety standards, and Timmdek® has conducted thorough testing on most of our extensive range of composite products.



03 UP TO 25 YEARS LIMITED WARRANTY WE OFFER A GUARANTEE OF UP TO 25 YEARS

Creating the ultimate composite product requires meticulous attention to every aspect of its production. Our dedicated manufacturing team was specifically assembled for this purpose. It is their unwavering commitment that sets a Timmdek® composite product apart from standard ones.

In the rare event that any detail may have been missed, customers can rest assured knowing that we offer complete support and a 15 to 25 year limited guarantee across our composite ranges.

04 HIGH STABILITY COMPOSITE MATERIALS HAVE CHANGED THE GAME

Because of the composition of our bamboo and recycled plastic composite products experience significantly less shrinkage and swelling compared to solid wood species. As a result, they provide a highly stable solution, enabling the development of distinctive and captivating solutions and creations.









THE

ROCKIES RANGE



PROTECTIVE CAP TECHNOLOGY

Our Timm-Tech® polymer cap has been engineered to enhance the durability and longevity of our Rockies Composite Range.



LOW
MAINTENANCE



SLIP
RESISTANT



WEATHER
RESISTANT



UV
RESISTANT



STAIN
RESISTANT



Introducing the Rockies Composite Range, a highly durable decking option that combines the beauty of wood with the protection of an engineered polymer cap. These boards offer a realistic wood-like appearance, giving your outdoor space a natural and inviting look. With the proprietary polymer cap, these composite building materials are resistant to moisture damage, including issues like mold, mildew, and rot while been backed by a **25 year limited warranty**.

COMPOSITE PRODUCTS AVAILABLE IN OUR
ROCKIES RANGE

DECKING | TRIM | CLADDING | ELITEBEAM



OUR COMPOSITE **ELITEBEAM** COLLECTION

Timmdek®'s new aluminium composite **Elitebeam®** combines the strength and durability of aluminium with the natural wood look of composite. Our co-extruded beam is designed to provide superior performance and aesthetics for your building needs.

Made with precision engineering, Timmdek®'s **Elitebeam®** is lightweight, making it easy to handle and install. It is also highly resistant to corrosion and weathering, making it an ideal choice for outdoor applications.

Elitebeam® is perfect for a range of applications, from residential to commercial construction. Whether you are looking to build a pergola, screens or cladding.



ROCKIES

ELITEBEAM COLLECTION

ELITEBEAM® WITH ITS NATURAL WOOD LOOK AND FINISH, IS AN EXTREMELY DURABLE AND LIGHT WEIGHT MULTI PURPOSE BEAM.

BENEFITS



UV
RESISTANT



STAIN
RESISTANT



WEATHER
RESISTANT



LOW
MAINTENANCE



SLIP
RESISTANT



LIGHTWEIGHT FRAME

Elitebeam® is a specialised lightweight beam combining the strength of aluminium and the natural wood look of composite.

SPECIFICATIONS | BEAM PROFILE

DIMENSIONS
50 x 30 mm

MASS PER m²
0.77 kg

MASS PER PLANK
4.47 kg

STD LENGTH
5 800 mm



A 50.00 mm

B 30.00 mm

COLOUR RANGE

NOTE: DUE TO PRINTING AND/OR SCREEN VARIATIONS, COLOURS IN THE BROCHURE MAY DIFFER SLIGHTLY FROM THE ACTUAL PRODUCTS.



ASPEN

CEDAR

CHARCOAL

TEAK

WALNUT



ROCKIES

ELITEBEAM COLLECTION

ELITEBEAM® WITH ITS NATURAL WOOD LOOK AND FINISH, IS AN EXTREMELY DURABLE AND LIGHT WEIGHT MULTI PURPOSE BEAM.

BENEFITS



UV
RESISTANT



STAIN
RESISTANT



WEATHER
RESISTANT



LOW
MAINTENANCE



SLIP
RESISTANT



LIGHTWEIGHT FRAME

Elitebeam® is a specialised lightweight beam combining the strength of aluminium and the natural wood look of composite.

SPECIFICATIONS | BEAM PROFILE

DIMENSIONS

120 x 30 mm

MASS PER m²

1.60 kg

MASS PER PLANK

9.28 kg

STD LENGTH

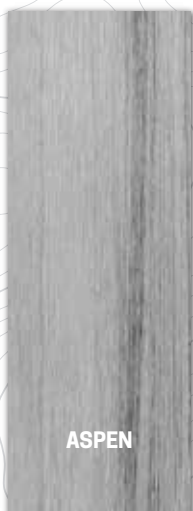
5 800 mm



A 120.00 mm B 30.00 mm

COLOUR RANGE

NOTE: DUE TO PRINTING AND/OR SCREEN VARIATIONS, COLOURS IN THE BROCHURE MAY DIFFER SLIGHTLY FROM THE ACTUAL PRODUCTS.



ASPEN



CEDAR



CHARCOAL



TEAK

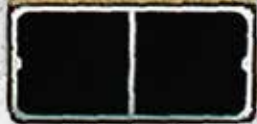


WALNUT



ROCKIES

ELITEBEAM COLLECTION



SPECIAL ORDER ONLY

ELITEBEAM® WITH ITS NATURAL WOOD LOOK AND FINISH, IS AN EXTREMELY DURABLE AND LIGHT WEIGHT MULTI PURPOSE BEAM.

BENEFITS



UV
RESISTANT



STAIN
RESISTANT



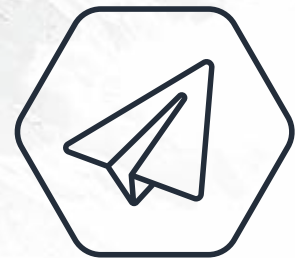
WEATHER
RESISTANT



LOW
MAINTENANCE



SLIP
RESISTANT



LIGHTWEIGHT FRAME

Elitebeam® is a specialised lightweight beam combining the strength of aluminium and the natural wood look of composite.

SPECIFICATIONS | BEAM PROFILE

DIMENSIONS
60 x 40 mm

MASS PER m²
1.20 kg

MASS PER PLANK
6.96 kg

STD LENGTH
5 800 mm



COLOUR RANGE

NOTE: DUE TO PRINTING AND/OR SCREEN VARIATIONS, COLOURS IN THE BROCHURE MAY DIFFER SLIGHTLY FROM THE ACTUAL PRODUCTS.



ASPEN

CEDAR

CHARCOAL

TEAK

WALNUT





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