



Solidex[®] Wood

Quality, Above All!

ASA CLADDING & SIDING

*High stability + durability and practicality
+ high aesthetic appeal

www.solidexwood.com



INSPIRED BY WOOD,
BETTER THAN WOOD

**LET ARCHITECTURE
RESONATE WITH NATURE**

—

In the singing of the wind,
a wall is not only the boundary of the partition
space,
but also the starting point of the dialogue between
architecture and nature.

ASA outdoor wall panels,
draw inspiration from the wood grain of the
mountains and forests, and integrate the calm
texture of the years,
warm as before in the sun, and firm as before in
the wind and rain.

We believe that wall panels are not only a shield to
protect against wind and rain,
but also an extension of the poetry of life,
it tells the temperature of the building and carries
the quiet beauty of time.

Whether it is a courtyard, a garden, or between
mountains and rivers,
ASA outdoor wall panels,
build an ideal place with you,
unchanged over the years, and lasting forever.

CHOOSE ASA,

CHOOSE A GREEN, DURABLE AND
NATURAL WAY OF OUTDOOR LIFE.

Originated from nature, interpreting nature.

The new ASA series inherits the beauty of natural wood grain, integrates the power of polymer technology, is co-extruded, and has a 360° seamless protective layer, which brings stronger weather resistance and color stability, and is specially designed for high-end outdoor spaces.

The core material PVC + bamboo wood powder + ASA weather-resistant material takes into account both strength and flexibility, is environmentally friendly and non-toxic, does not contain formaldehyde and heavy metals, is produced using new materials, is truly green, safe and sustainable, and is an important link in building an environmental protection industry chain.

No paint is required for corrosion protection, and the color is as good as new.

Compared with traditional solid wood, the ASA series saves the trouble of frequent maintenance, but retains the natural temperature and real touch of the logs. If you pursue the beauty of wood and desire a relaxed and comfortable outdoor experience, the ASA series is undoubtedly a wiser and more lasting choice.

Beauty is not just about appearance, and environmental protection will never compromise. Choosing is choosing a high-end outdoor lifestyle that accompanies nature.

*A BEAUTY THAT FADES,
A BURDEN THAT GROWS
— SUCH IS REAL WOOD*

- Solid wood requires regular maintenance and high maintenance costs.
- Home solid wood floors need to be maintained with floor oil, which is usually artificially synthesized and contains toxic chemicals.
- Solid wood edge banding and fences need to be colored with paint, which increases maintenance costs. At the same time, the paint is easy to fall off and contains toxic chemicals.
- Precious time that could have been used to spend leisure time with family is wasted on maintaining solid wood floors.
- The growing demand for wood use has caused increasingly precious green forest resources to be over-cut.



Real wood



ASA Panels



WHAT IS ASA OUTDOOR WALL PANELS?

employs the latest surface treatment technology to deliver the most unique and natural decking outlook with superior performance in all dimensions.



PVC + Bamboo Powder

Better flexibility and reduced weight

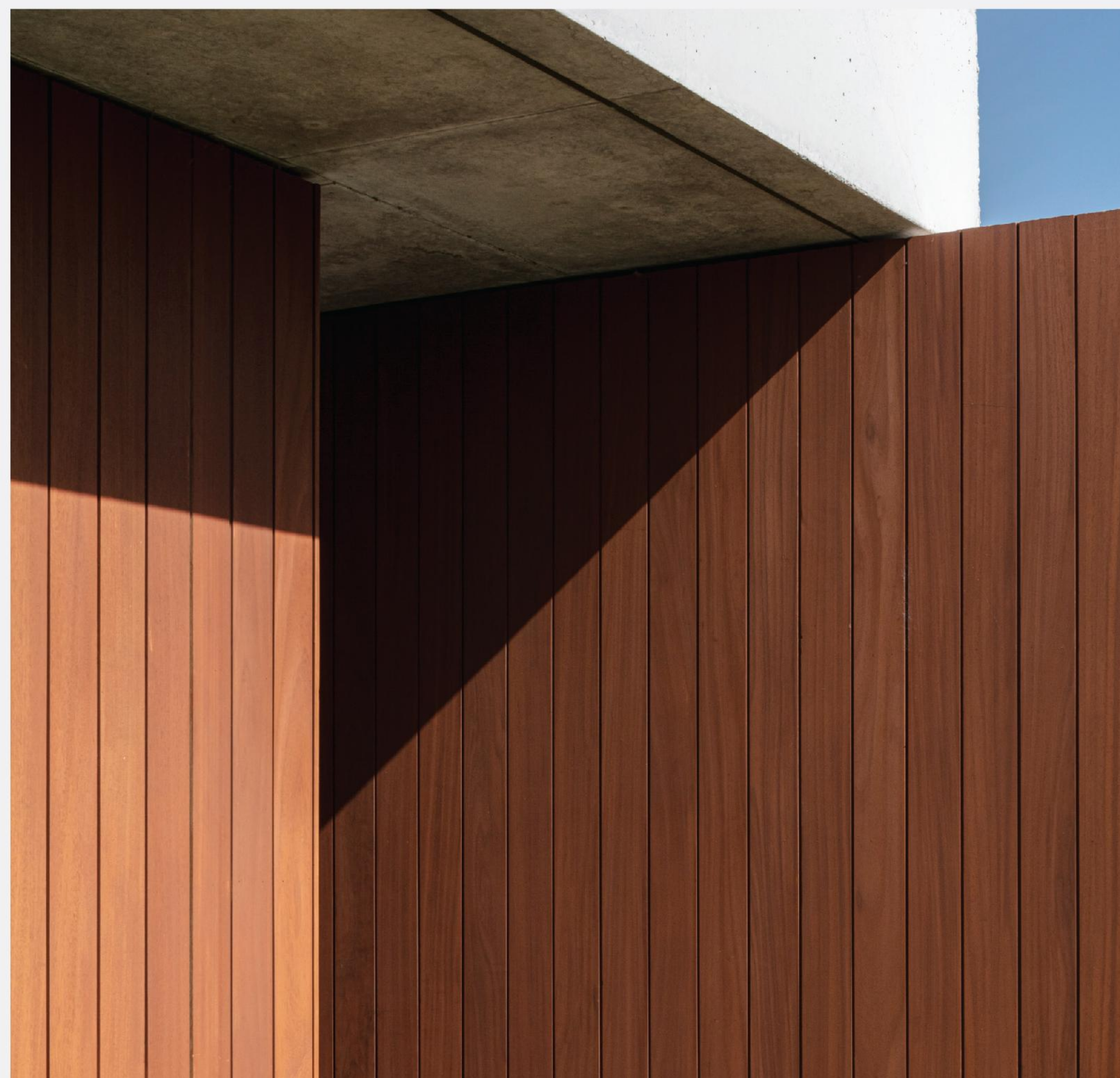


ASA Coextrusion Layer

Maintain color and appearance stability for a long time, excellent impact resistance

Crusting Layer

to reinforce the material



Built to last



Pest control



Environmental
friendly



Waterproof and
stain-resistant



Shock resistance



UV protection

ASA Core Features:

1. Excellent weather resistance: ASA is not prone to fading, cracking, performance degradation, etc. when exposed to ultraviolet rays, high and low temperatures, humidity, etc. for a long time.
2. Good mechanical properties: ASA has high impact strength and good toughness even in low temperature environments; at the same time, it has strong rigidity and creep resistance, and is suitable for the manufacture of parts that bear loads for a long time.
3. Excellent chemical stability: It has good tolerance to acids, alkalis, salt solutions and most organic solvents, and is suitable for outdoor use or use in contact with chemical media.
4. Environmental protection and beauty: ASA has excellent colorability and can be made into a variety of bright colors. It does not contain harmful substances such as heavy metals and meets environmental protection standards.



Outdoor Panels—Compared to the popular PE plastic wood, why do we choose to develop new products ASA co-extrusion?

CONTRAST POINTS	PE	ASA
Raw materials and environmental protection	Mostly use PE waste and recycled materials	Using new PVC resin powder, bamboo wood powder, ASA material
Weather resistance	Use for 10-15 years, stable color, low stability, easy to fade	Used for more than 30 years, with strong resistance and color stability
Thermal deformation and anti-aging	Under sunlight, it is easy to deform and warp	Good thermal stability, not easy to deform when used outdoors, high temperature resistant, acid and alkali resistant, not easy to deform or crack
Mechanical Properties	More brittle, It is easy to break under external impact and break under heavy pressure.	Stronger toughness, no cracking when impacted, and can return to its original shape after being compressed

ASA can easily achieve a variety of color matching during the production process. It not only has a rich standard color, but also can customize special colors according to specific needs to meet different design and decoration requirements.



COLOR SELECTION



B.WALNUT



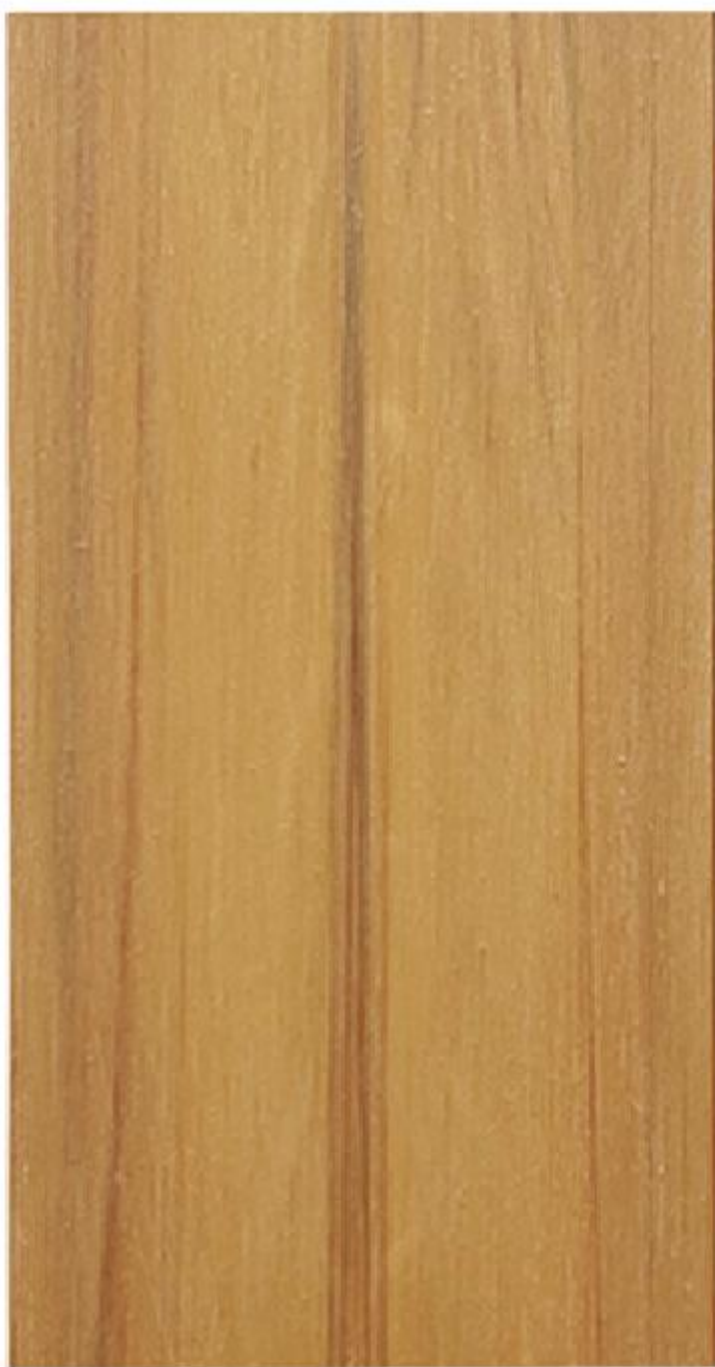
GSW



EW



CW



W.OAK.



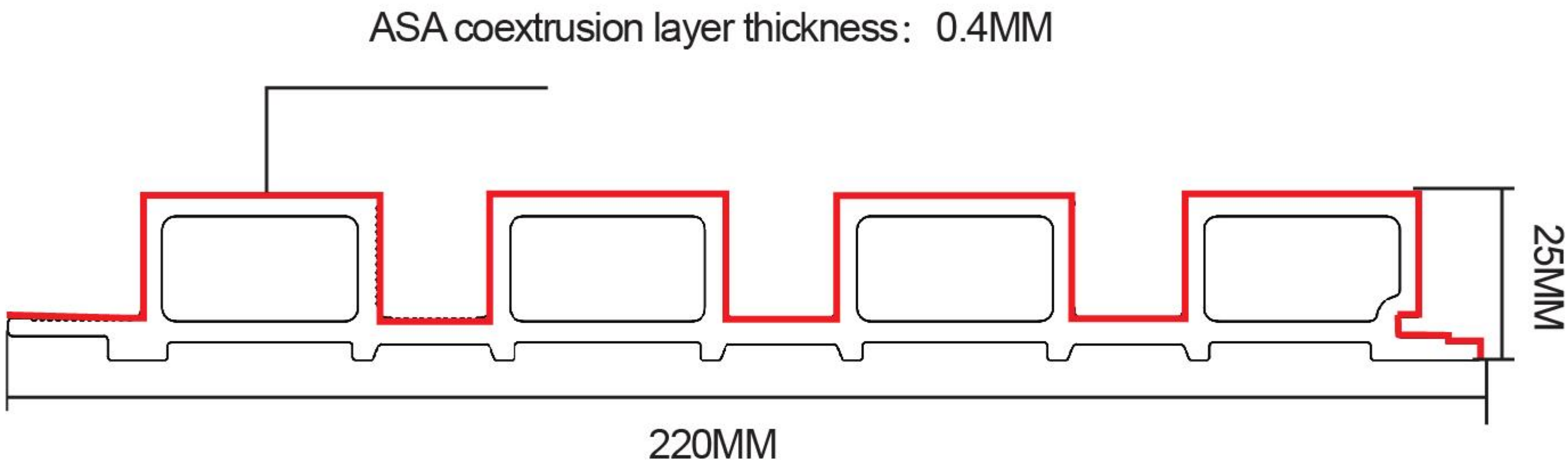
SG



SA.WALNUT



IPIL

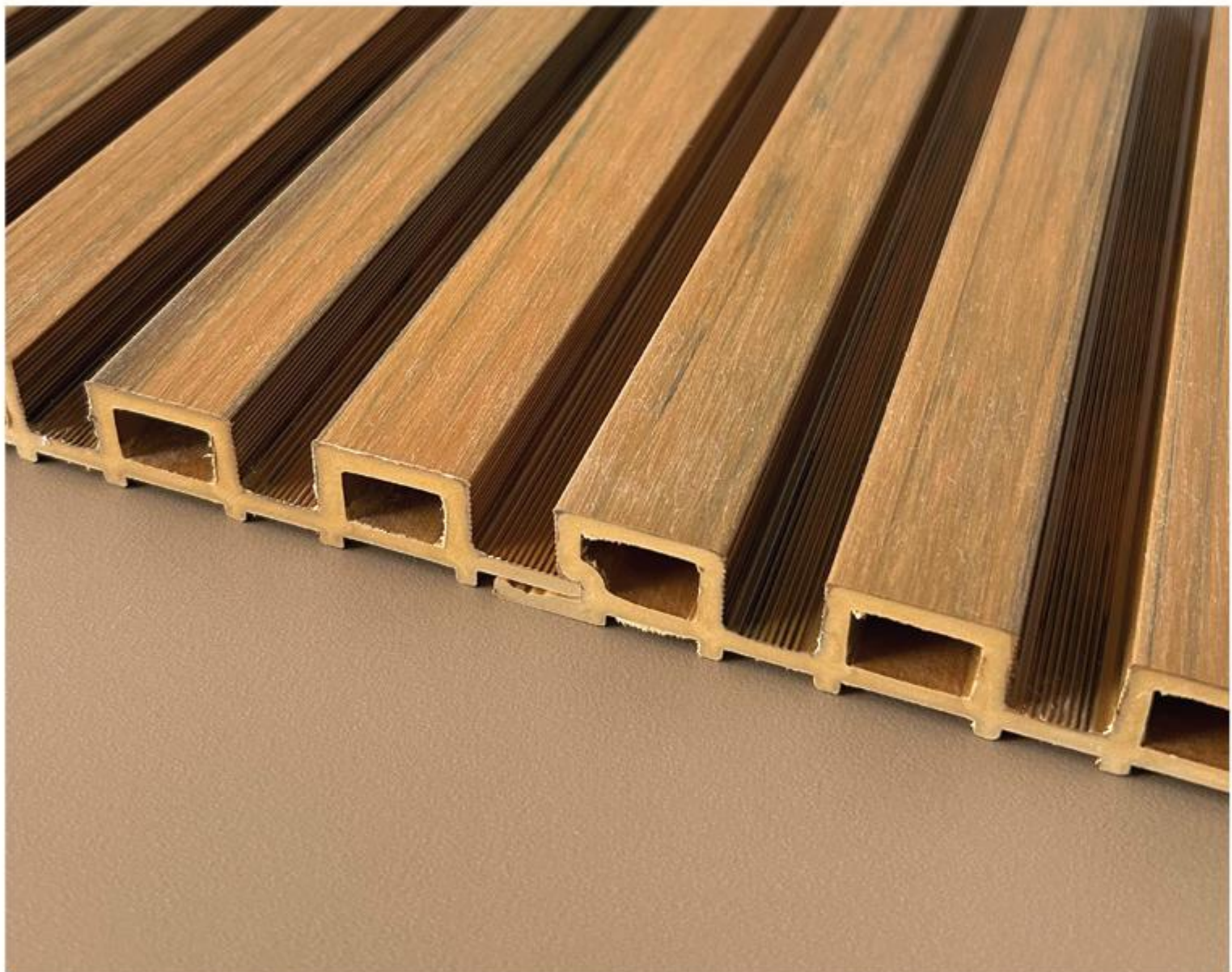


Width	High	Length	Single tray quantity
220mm	25mm	2900mm(Customizable)	8pcs/pack

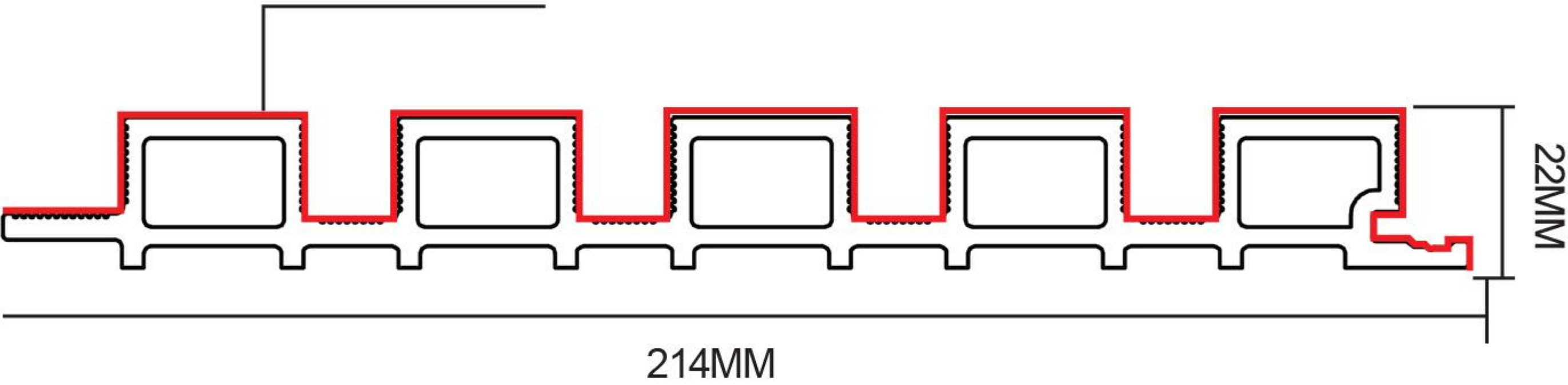








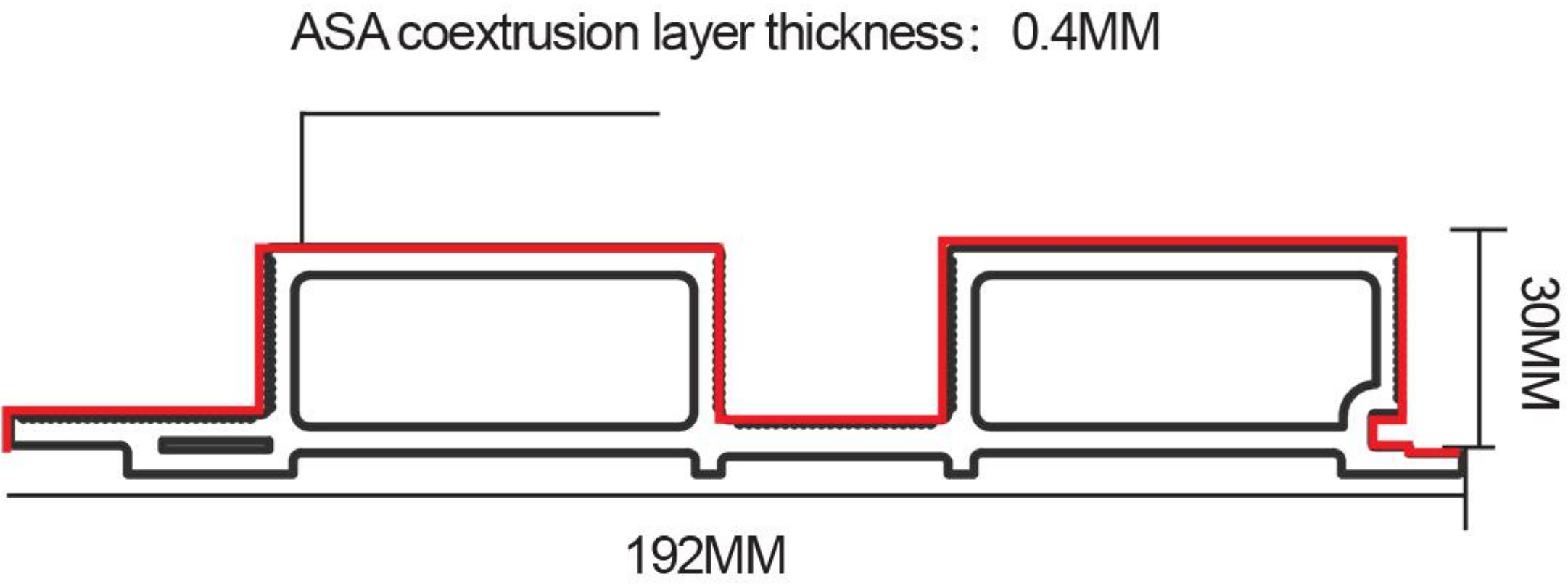
ASA coextrusion layer thickness: 0.4MM



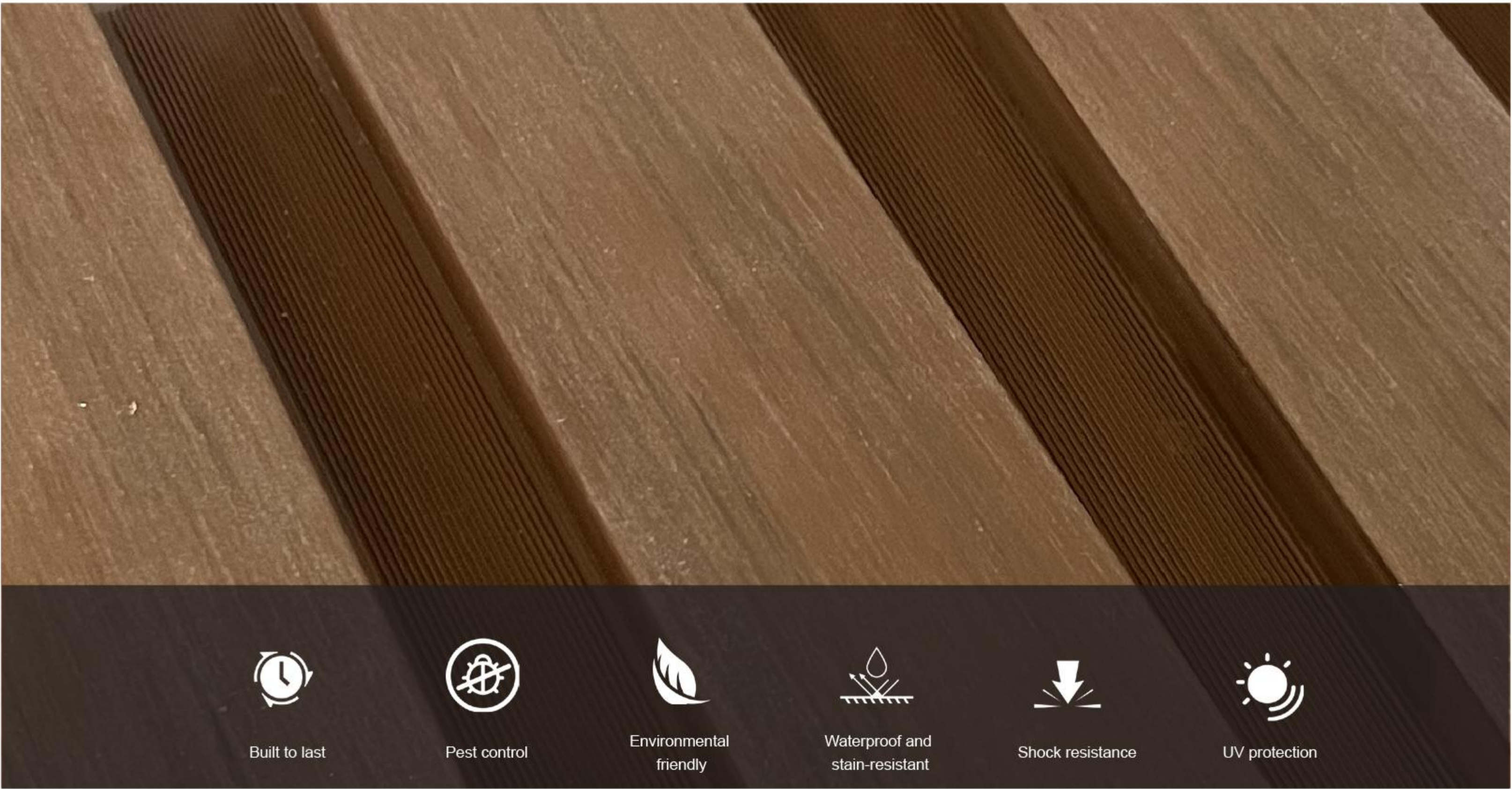
Width	High	Length	Single tray quantity
214mm	22mm	2900mm(Customizable)	9pcs/pack







Width	High	Length	Single tray quantity
192mm	30mm	2900mm(Customizable)	8pcs/pack



Built to last



Pest control



Environmental
friendly



Waterproof and
stain-resistant



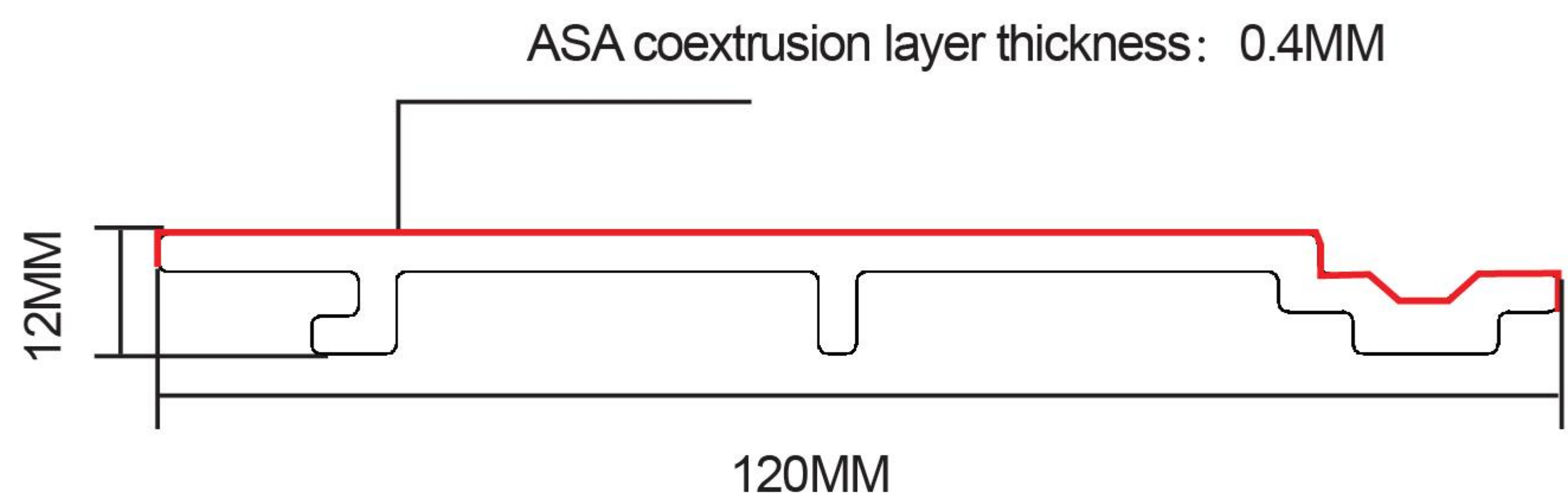
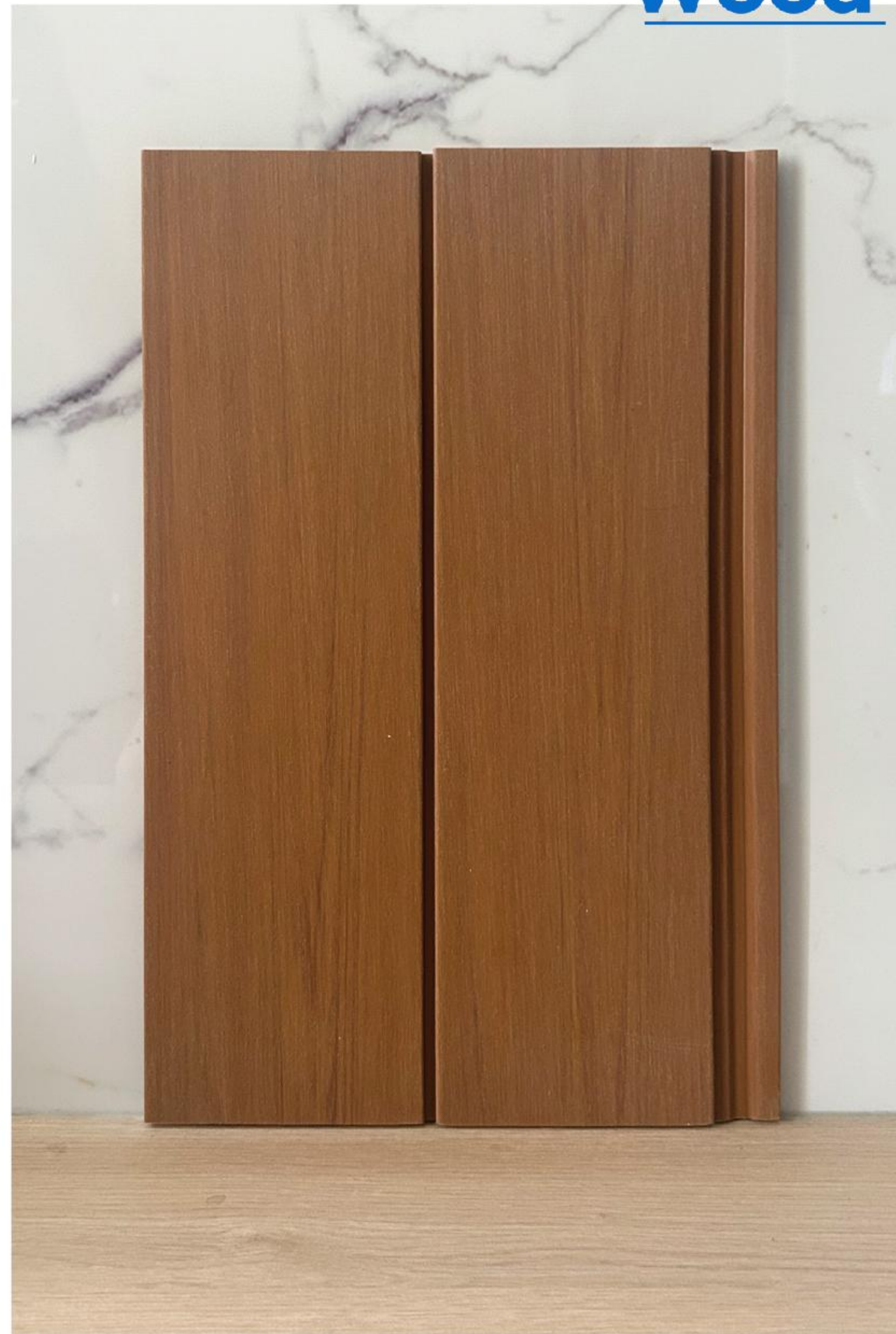
Shock resistance



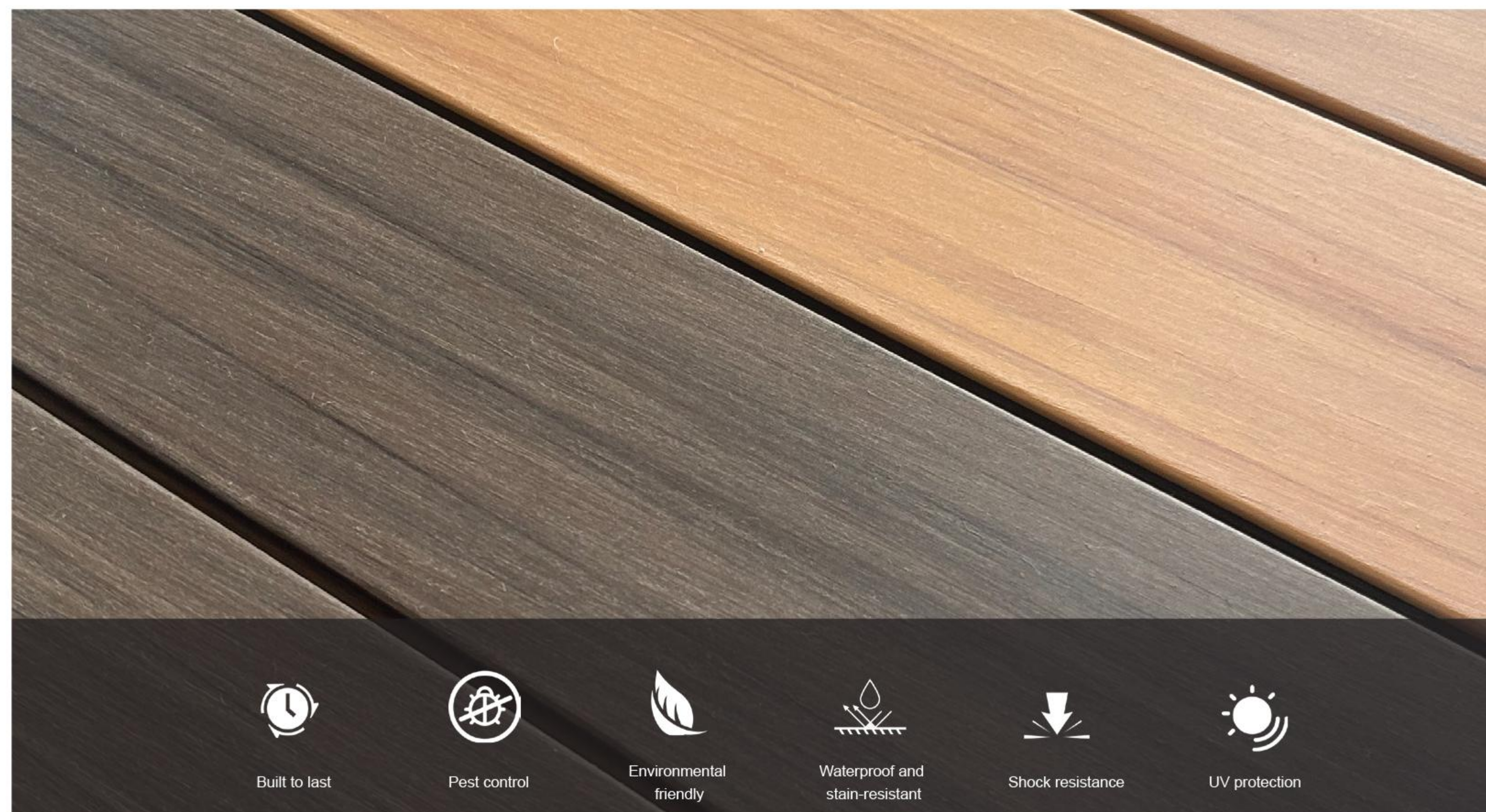
UV protection





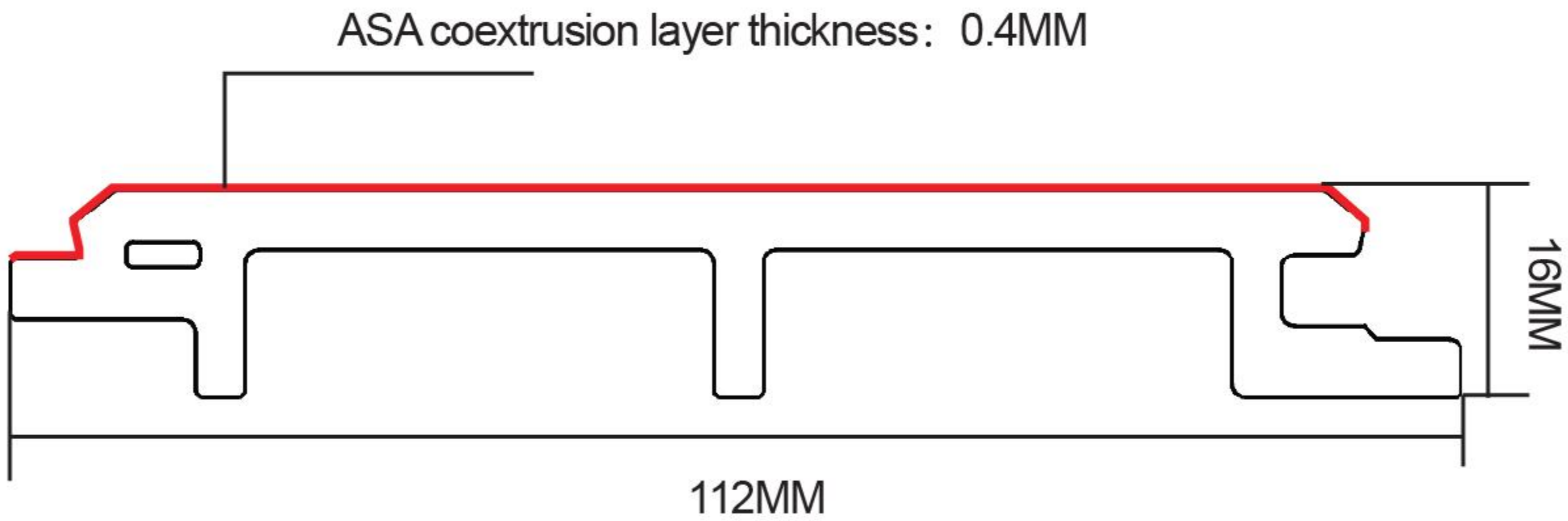


Width	High	Length	Single tray quantity
120mm	12mm	2900mm(Customizable)	20pcs/pack

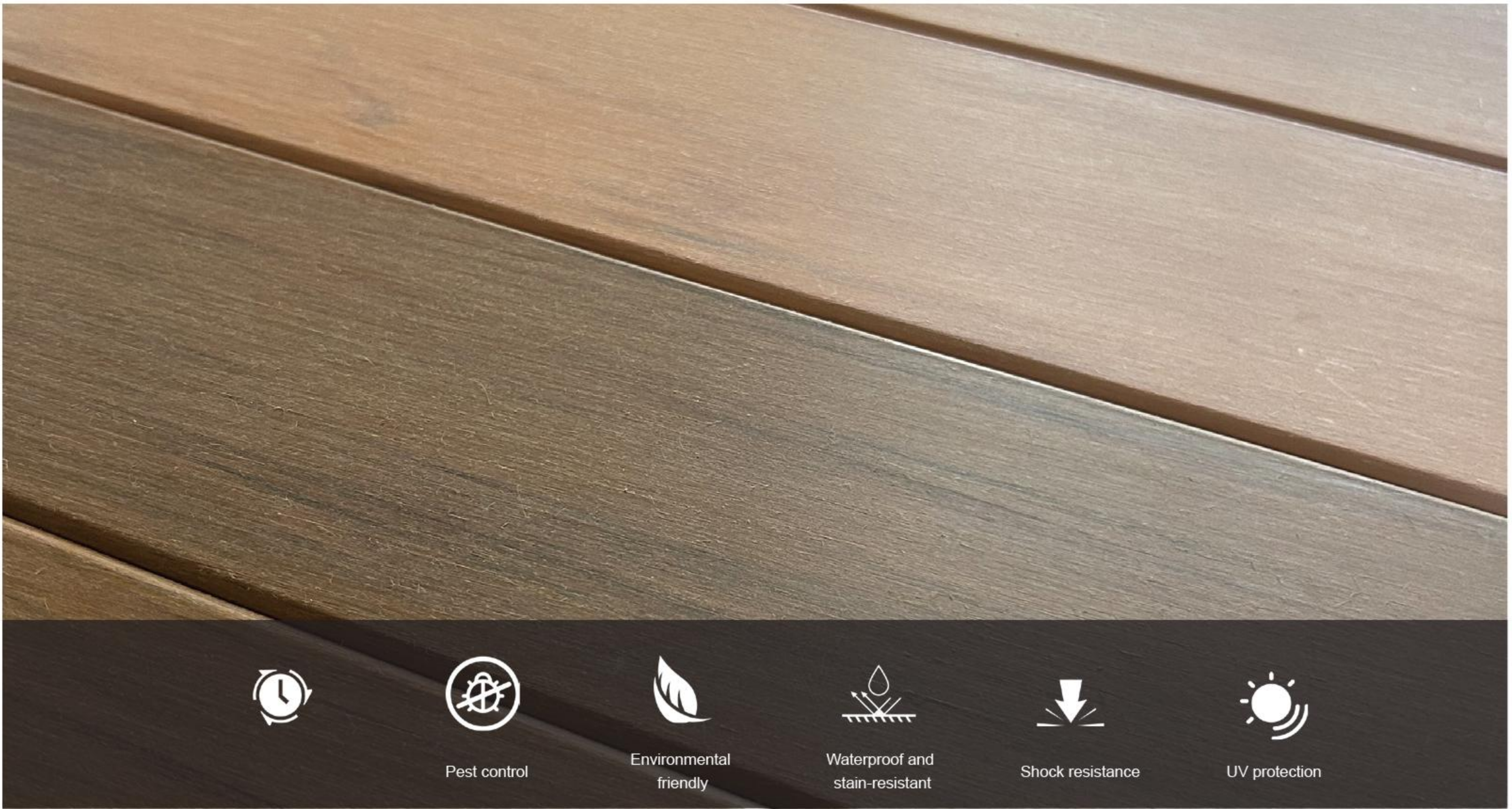






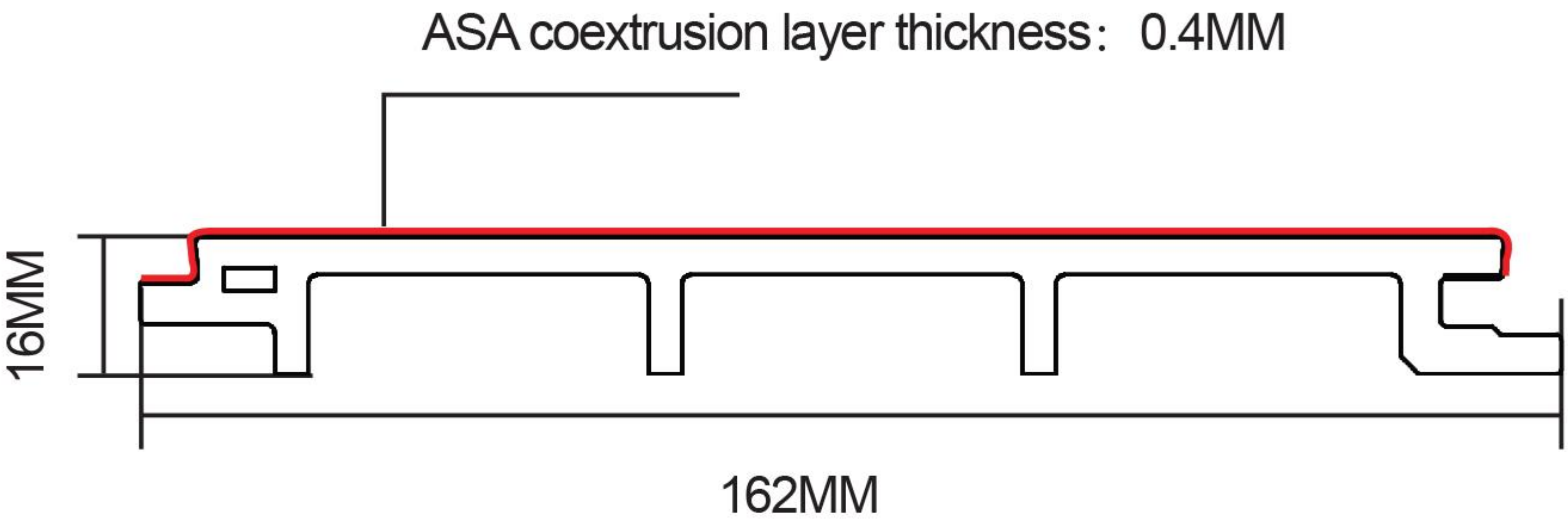


Width	High	Length	Single tray quantity
112mm	16mm	2900mm(Customizable)	18pcs/pack





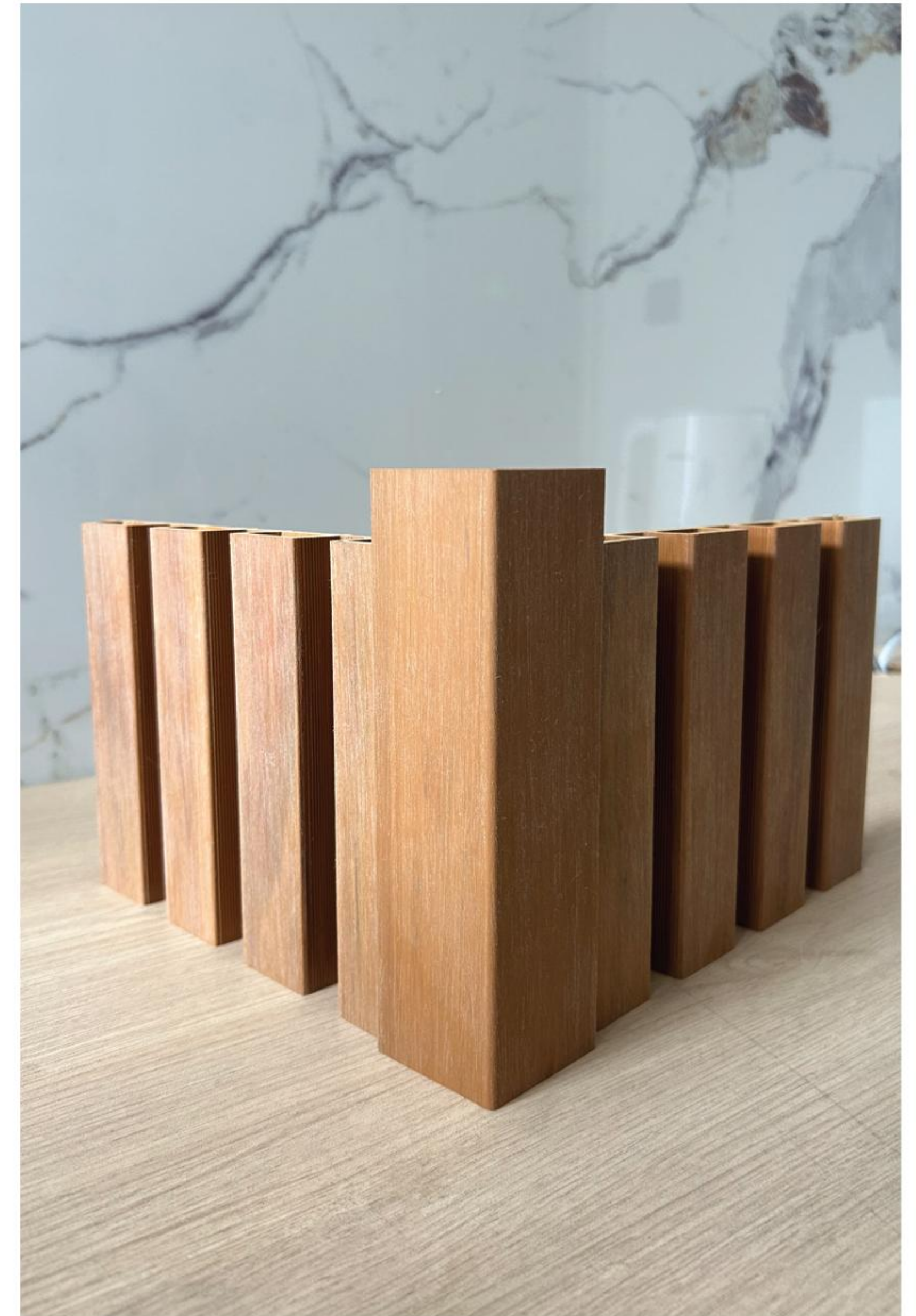




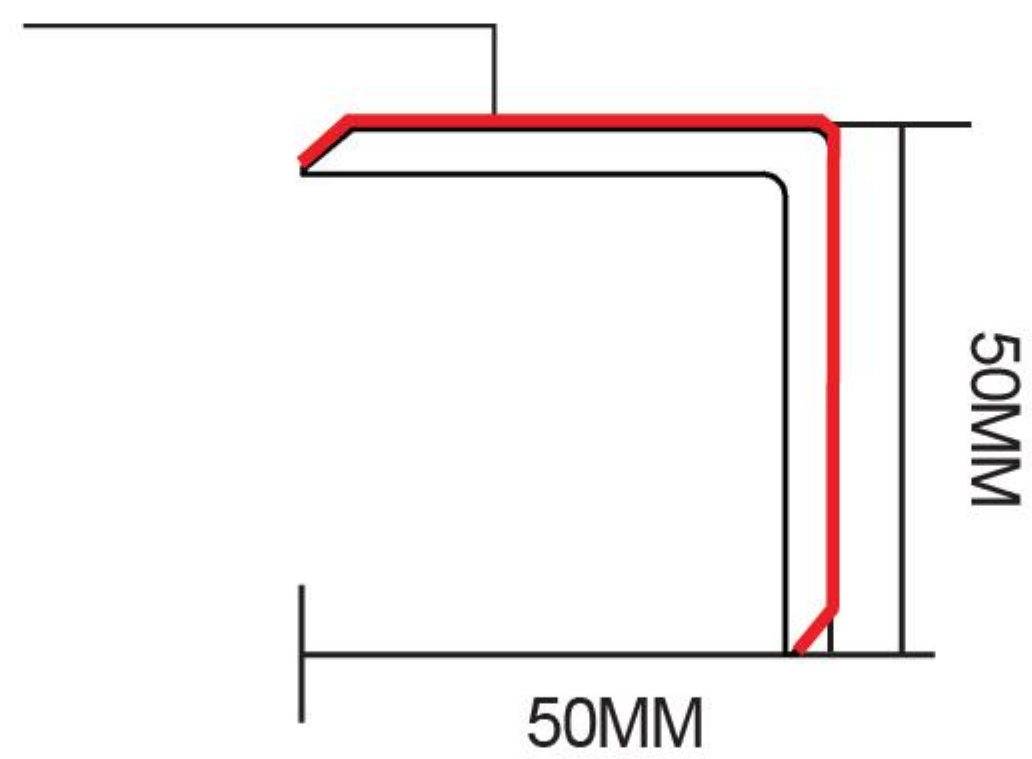
Width	High	Length	Single tray quantity
162mm	16mm	2900mm(Customizable)	14pcs/pack



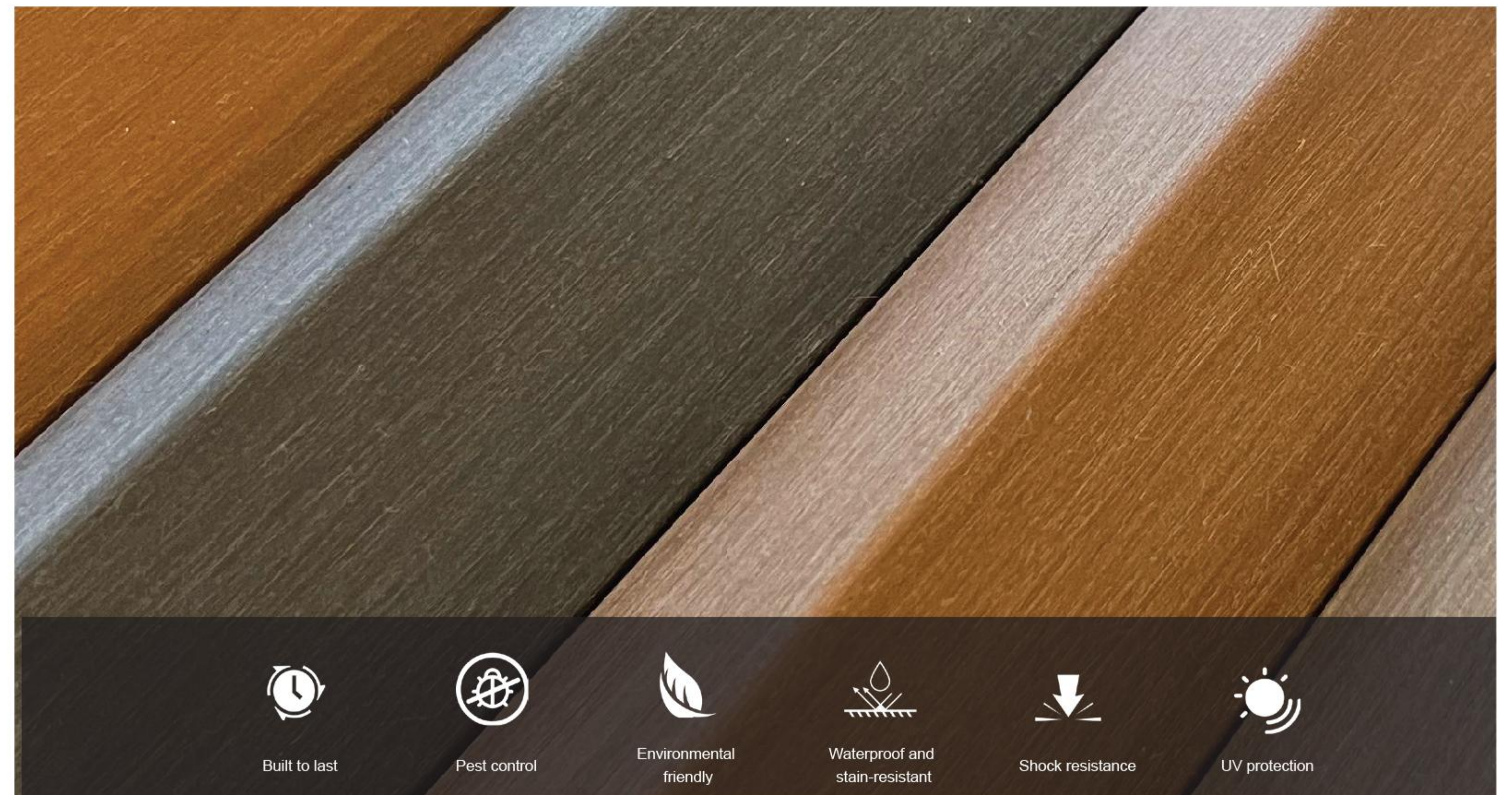




ASA coextrusion layer thickness: 0.4MM



Width	High	Length	Single tray quantity
50mm	50mm	2900mm(Customizable)	30pcs/pack



Built to last



Pest control



Environmental
friendly



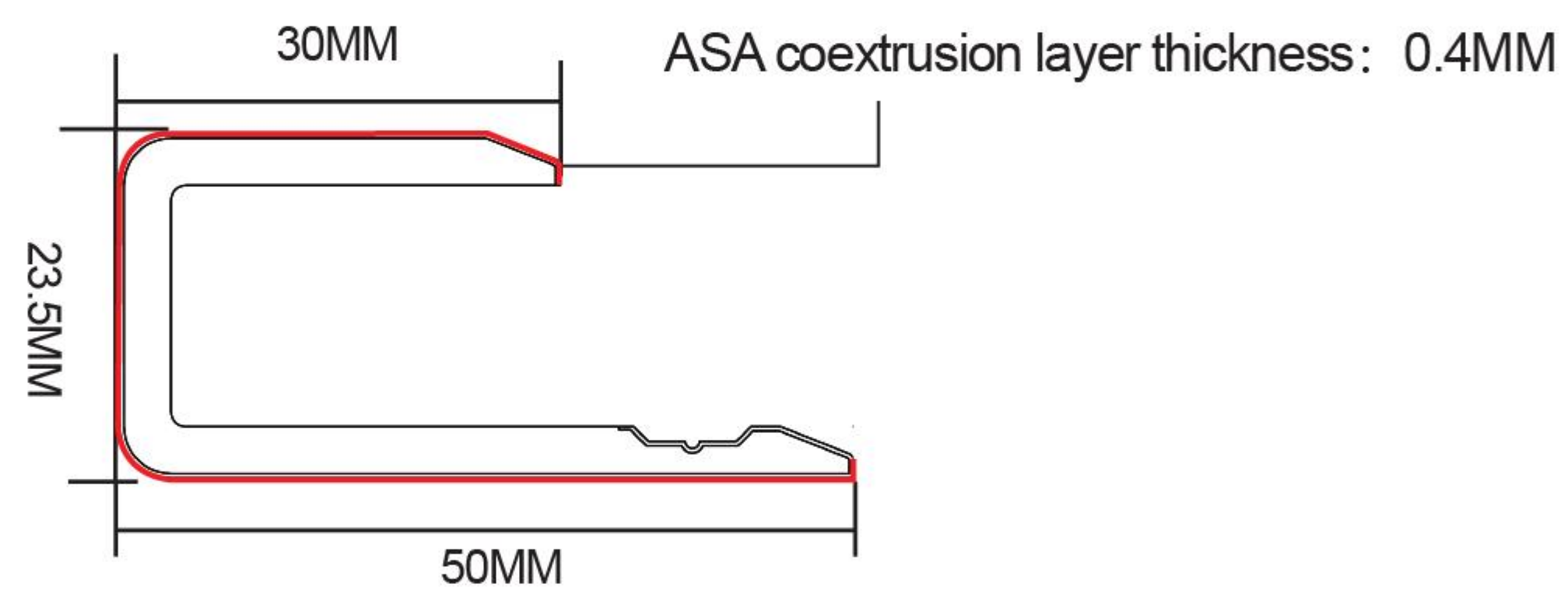
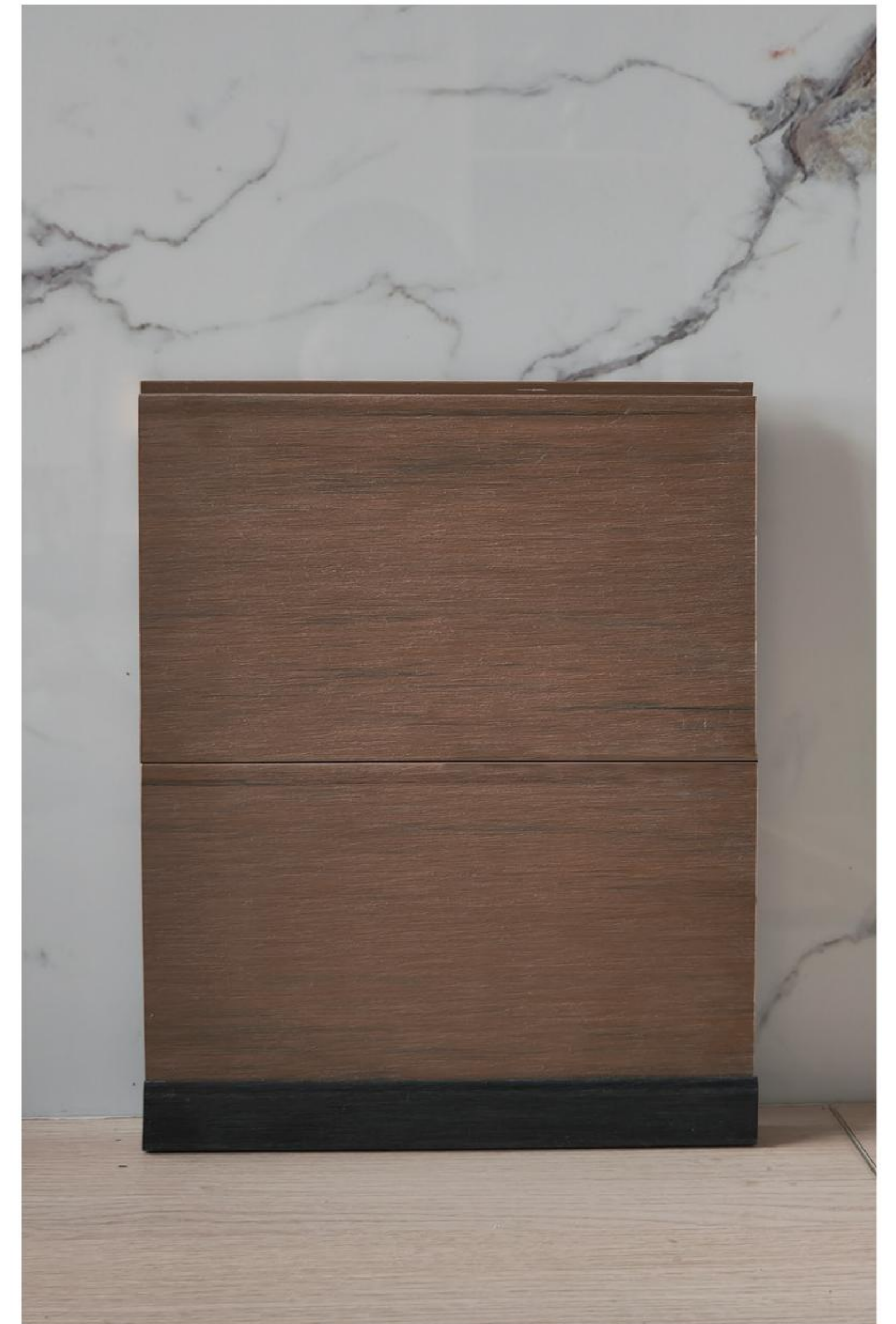
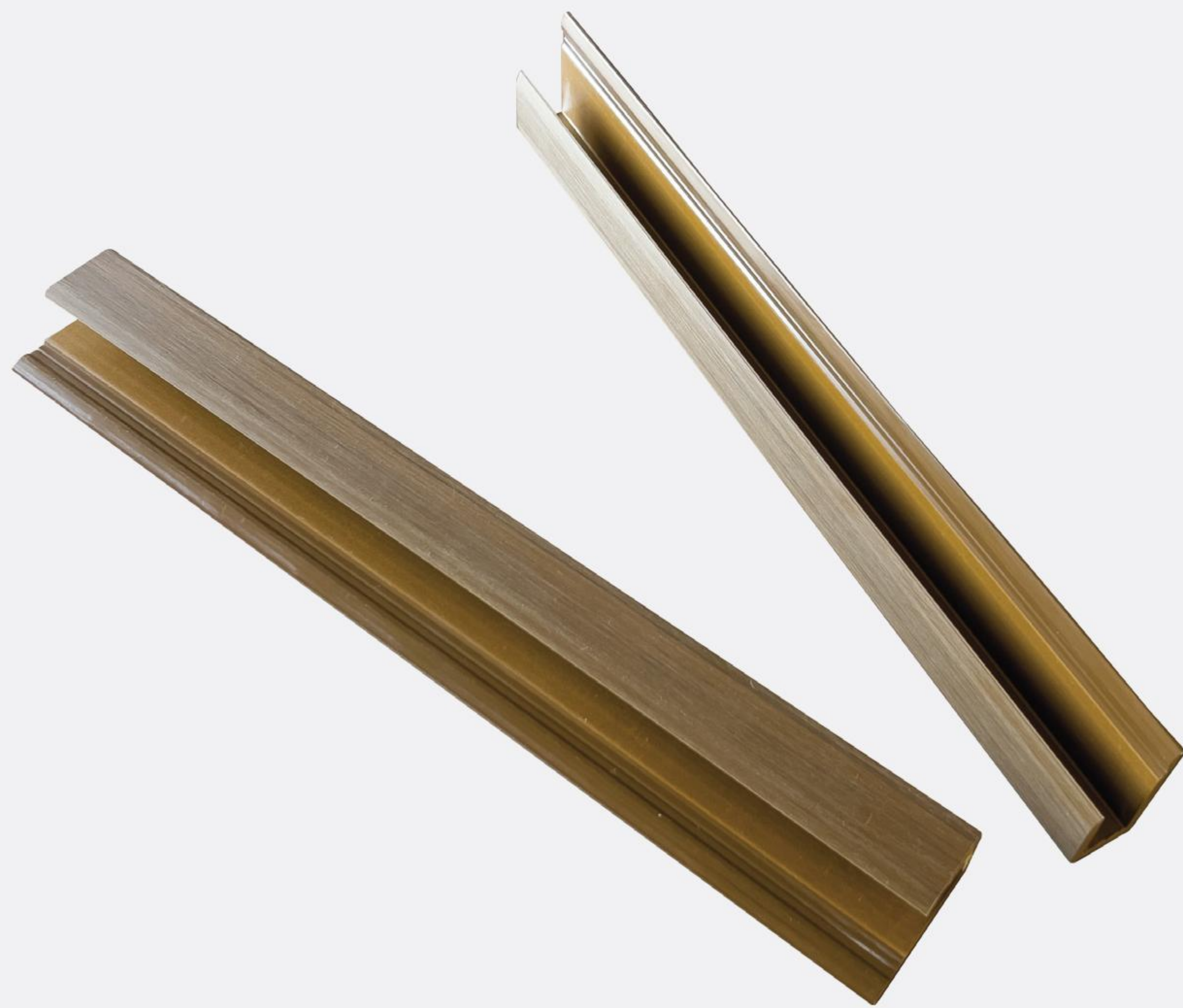
Waterproof and
stain-resistant



Shock resistance

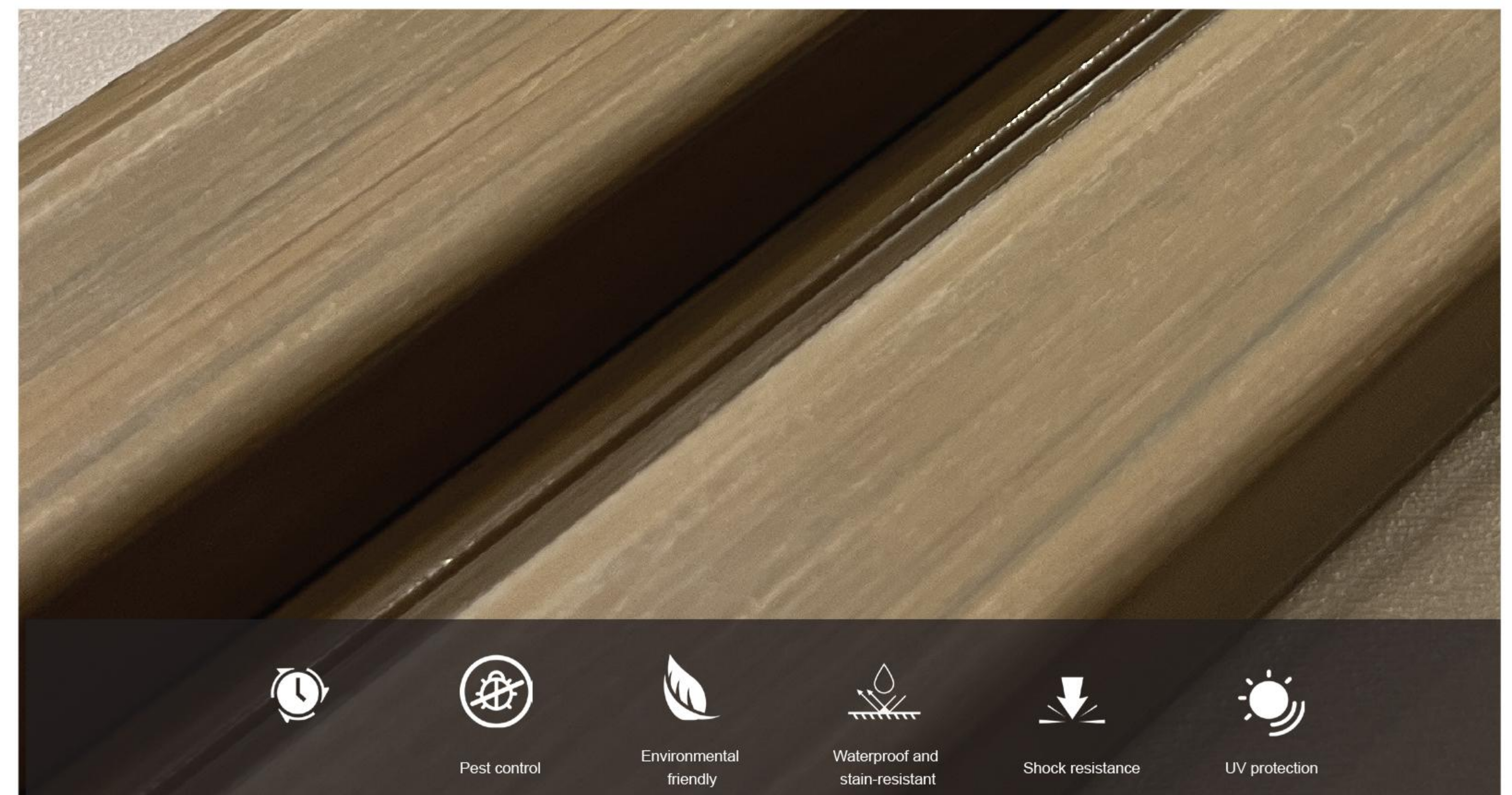


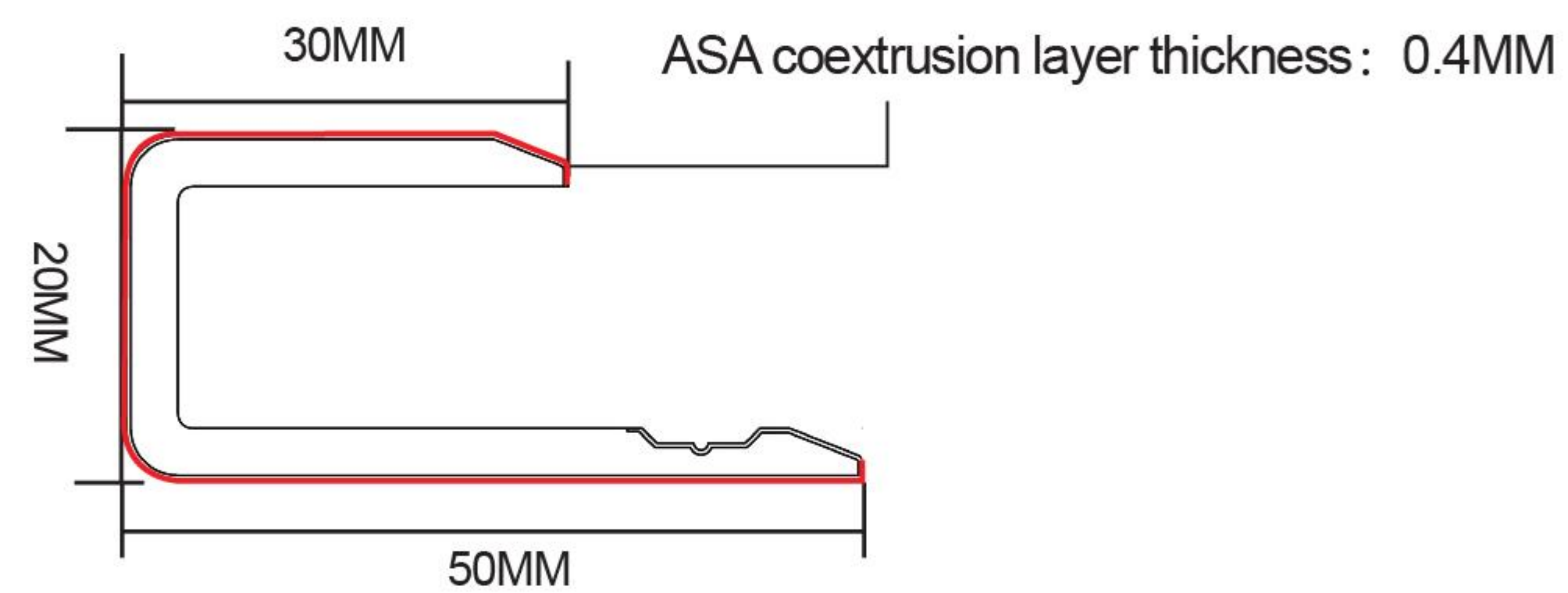
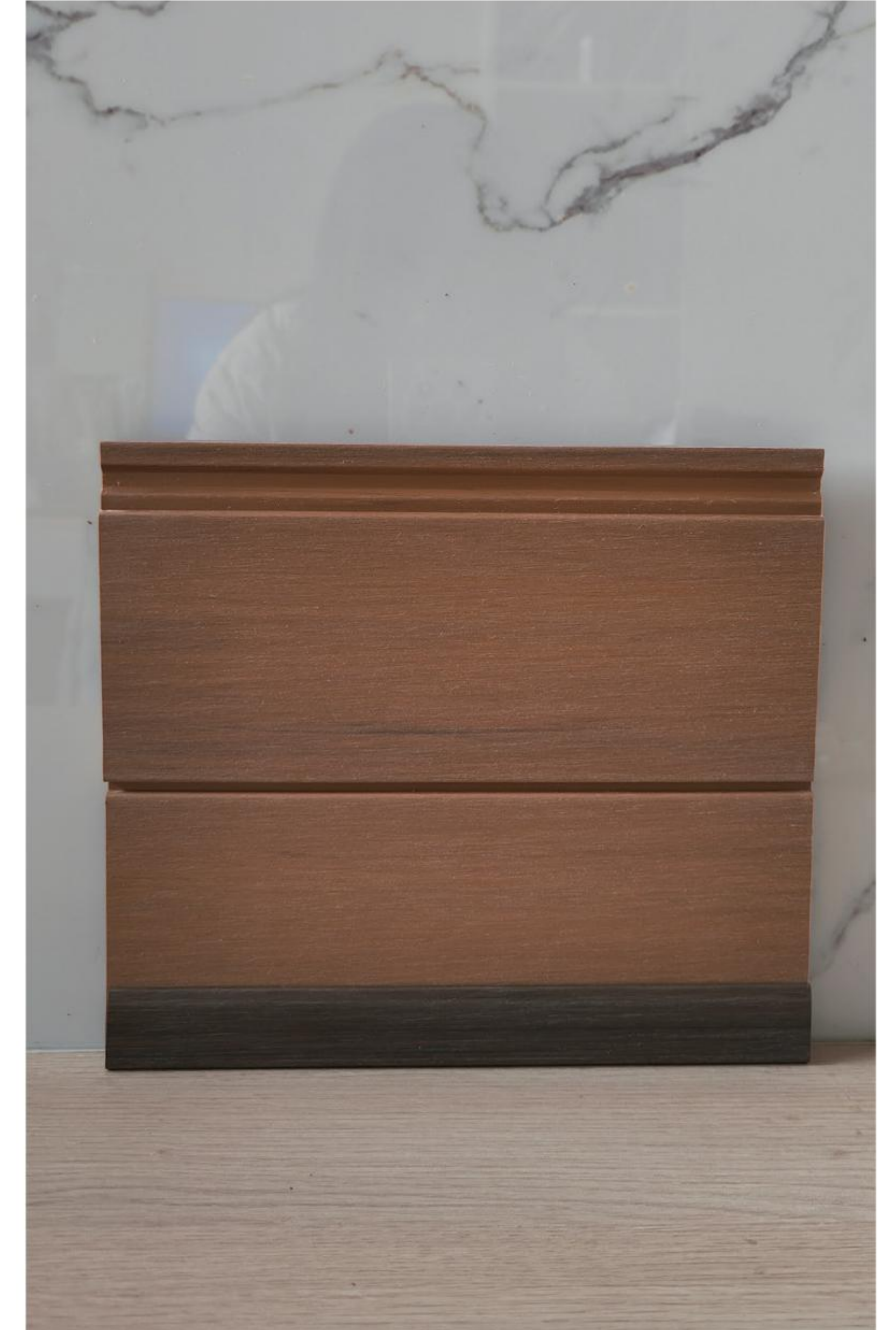
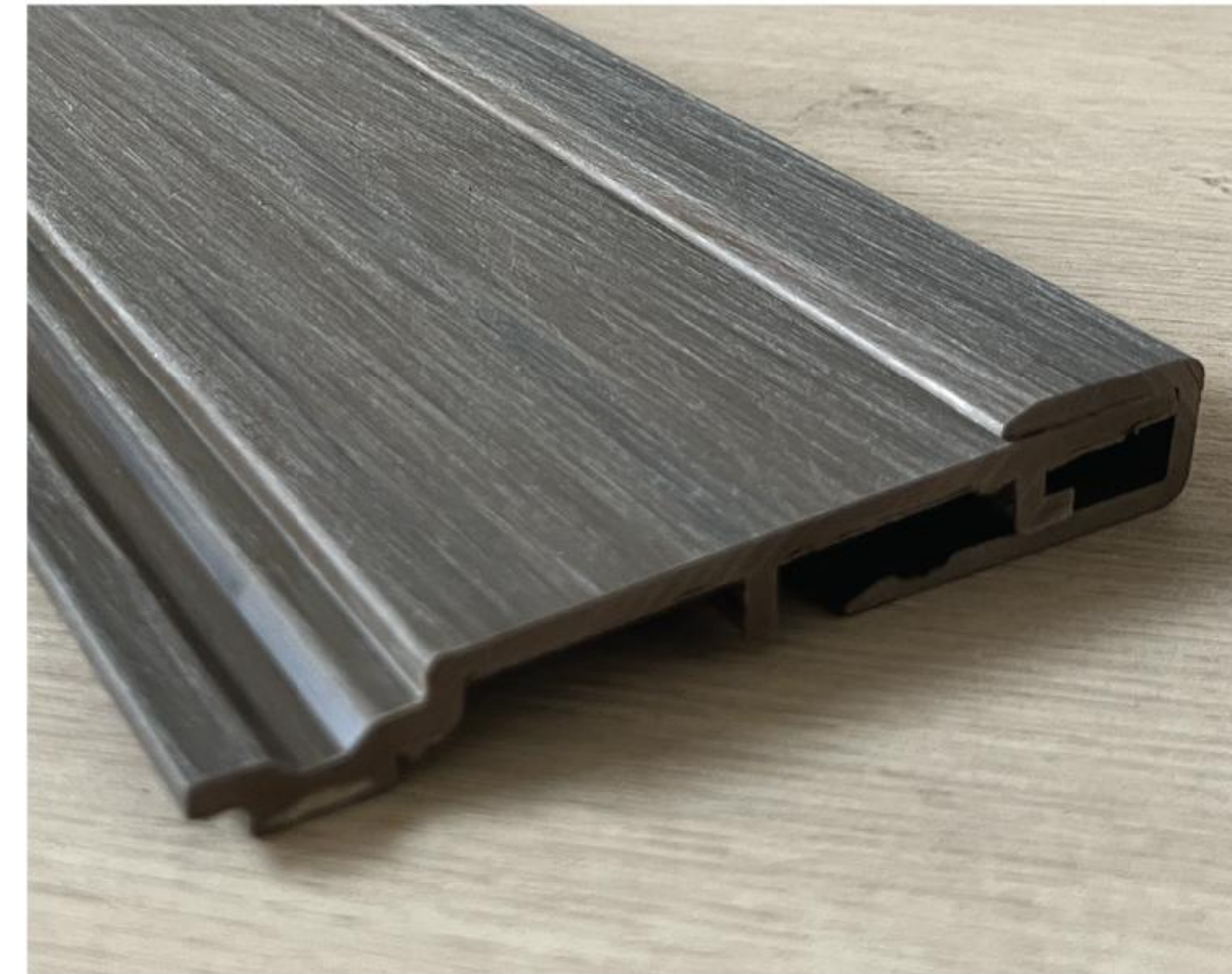
UV protection



Note: Applicable to products with a height of 16mm

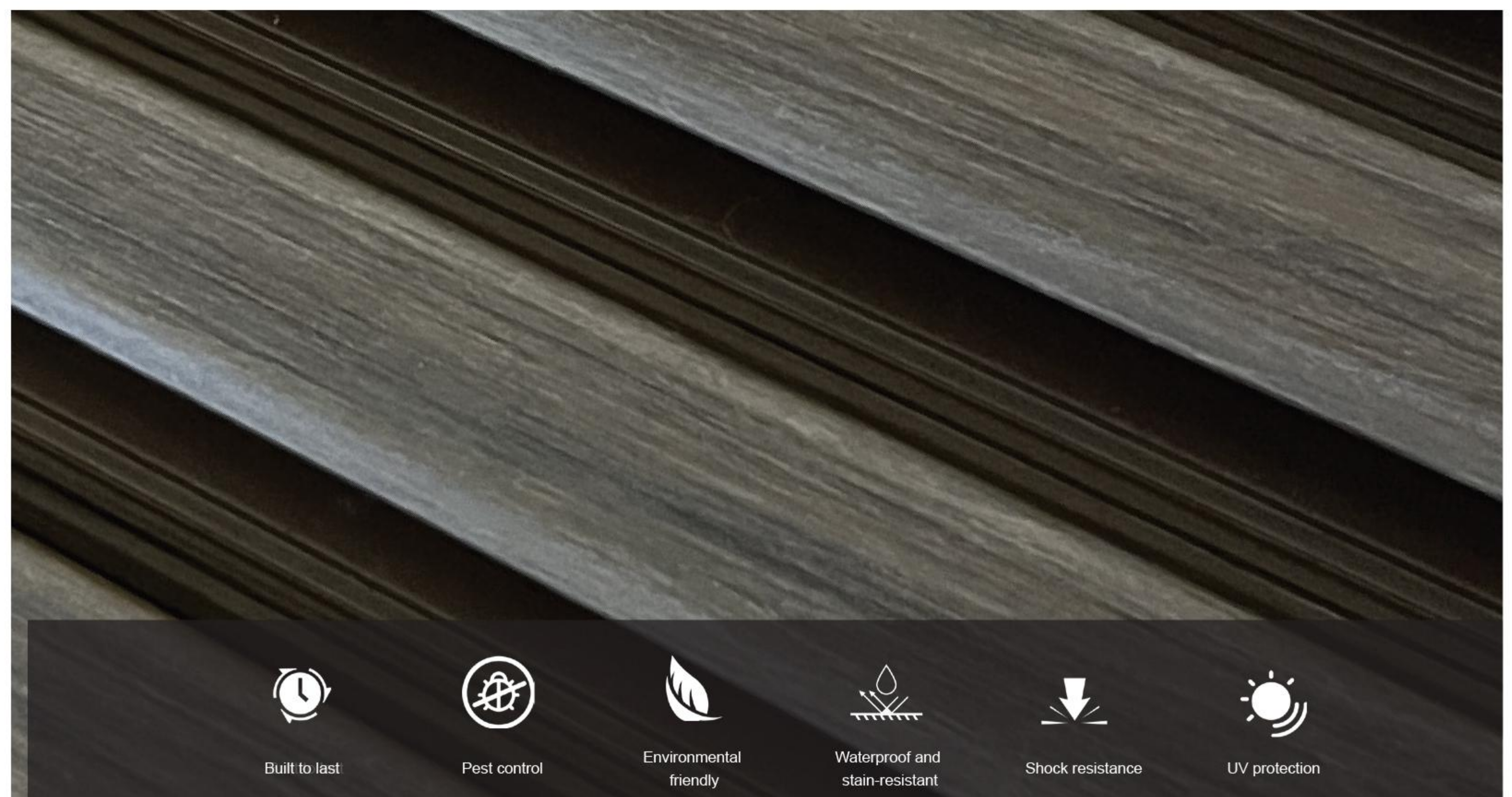
Width	High	Length	Single tray quantity
30/50mm	23.5mm	2900mm(Customizable)	40pcs/pack





Note: Applicable to products with a height of 12mm

Width	High	Length	Single tray quantity
30/50mm	20mm	2900mm(Customizable)	40pcs/pack





3D SURFACE



3D-01



3D-02

The 3D pattern not only solves basic problems, but also provides users with an ultimate outdoor floor solution that is maintenance-free, ultra-safe, and has a visual enjoyment that can last for decades through the synergy of structure and materials.

COLOR SELECTION



B.WALNUT



GSW



EW



CW



W.OAK.



SG



SA.WALNUT



IPIL



3D-01



3D-02





Installation

Installation Tools



Outdoor WPC Wall Panel



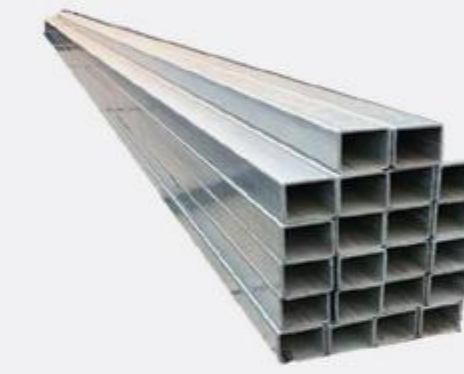
Clip



L-corner



screws



keel



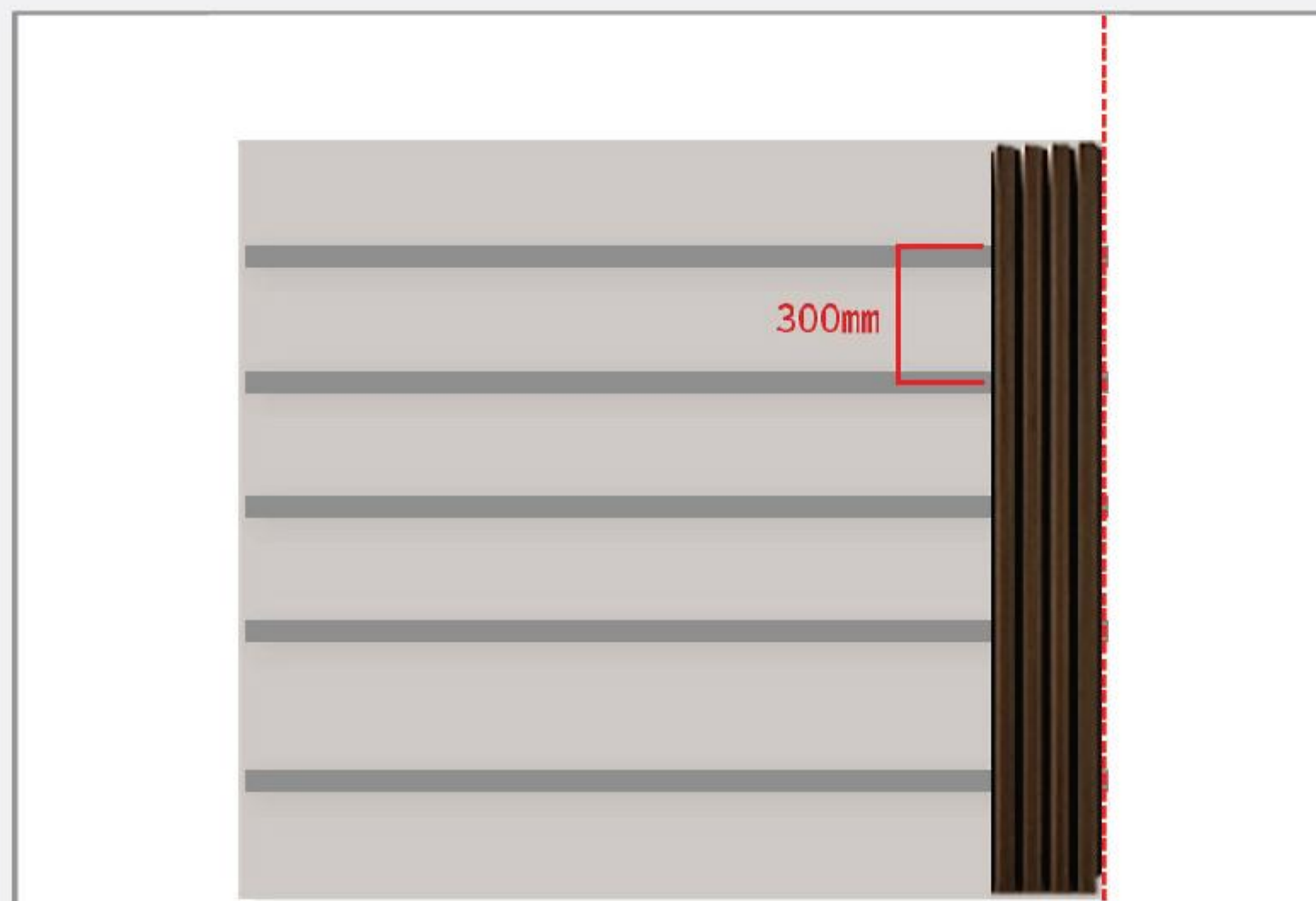
Cutting Saw



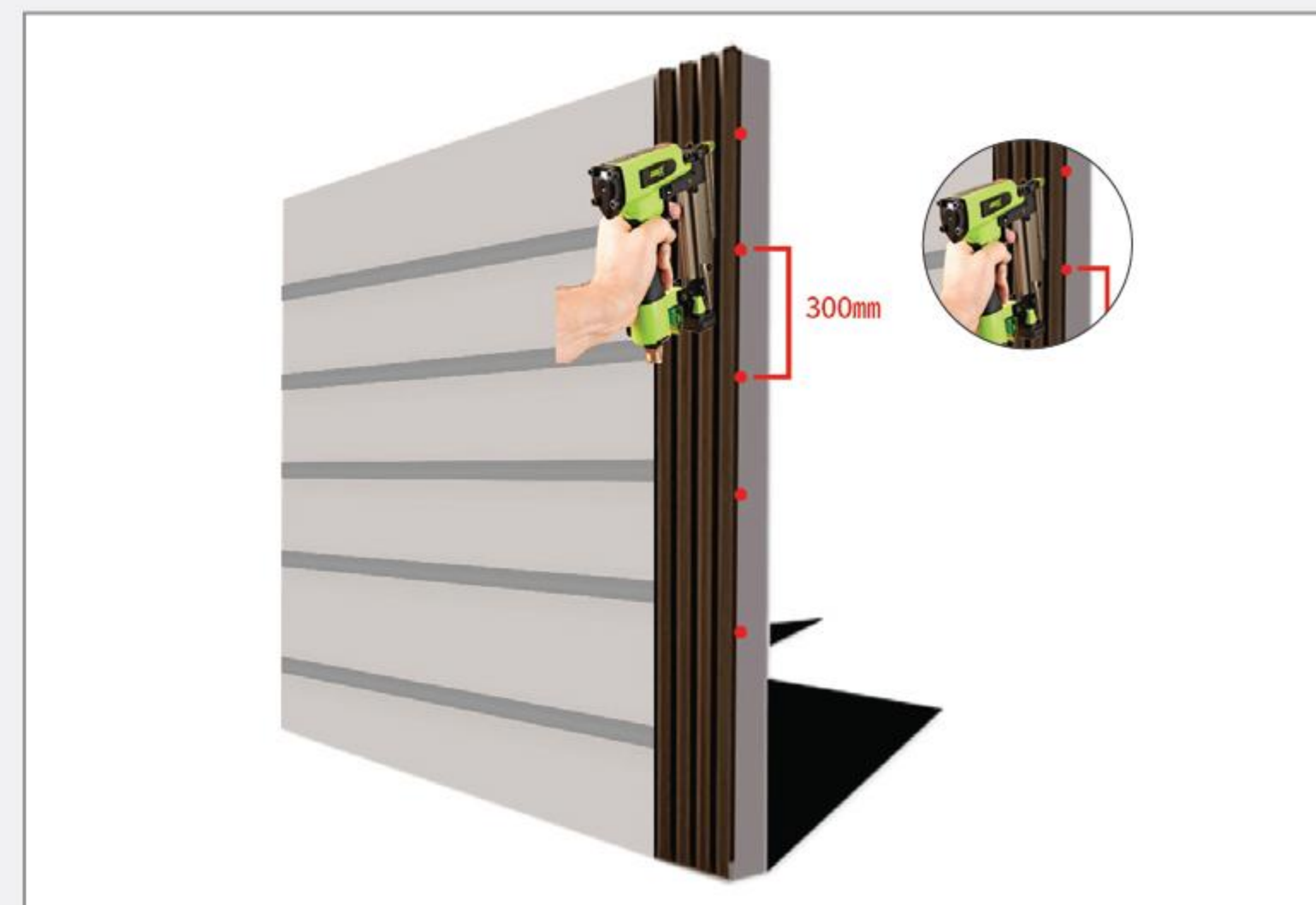
Electric drill



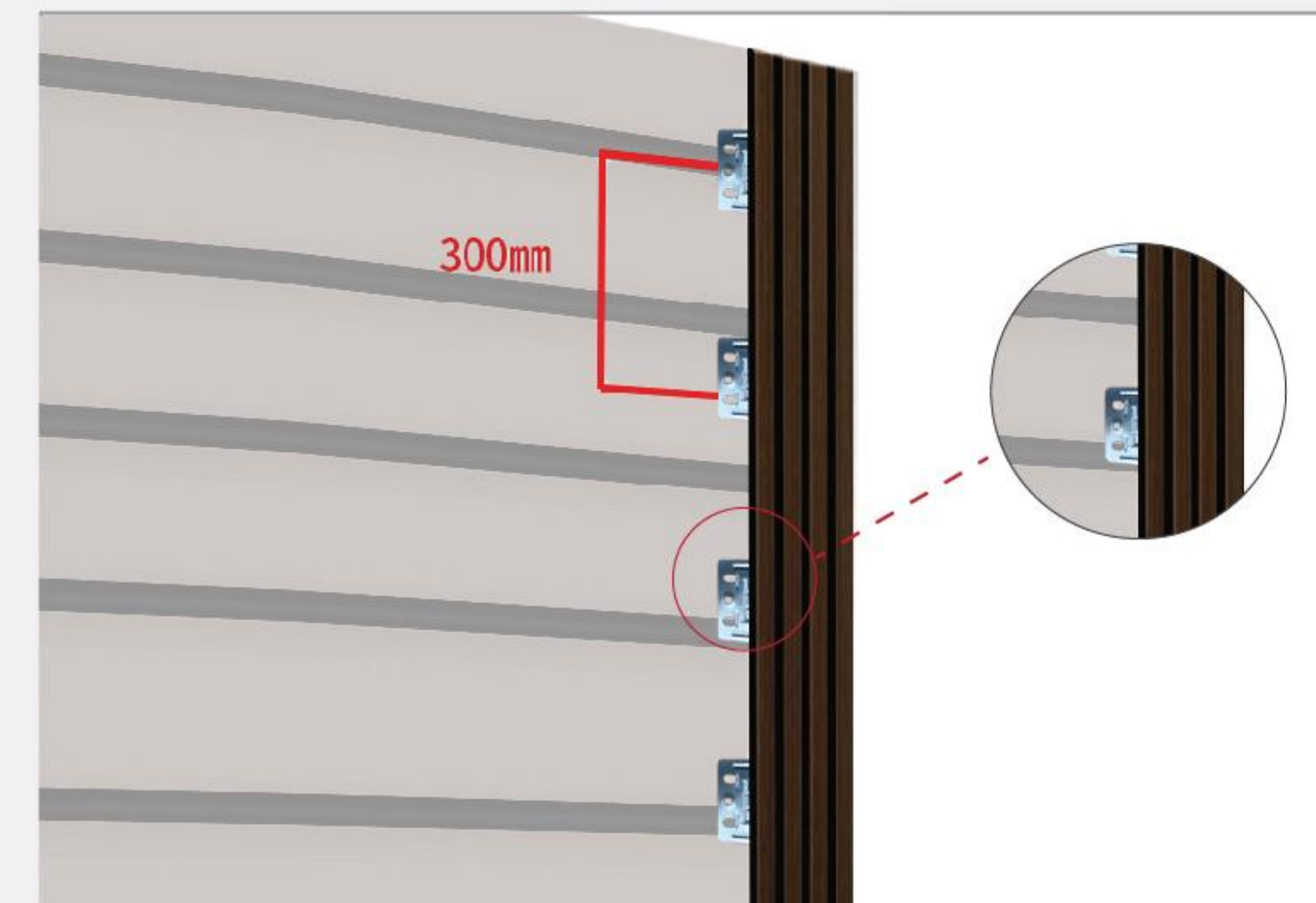
level



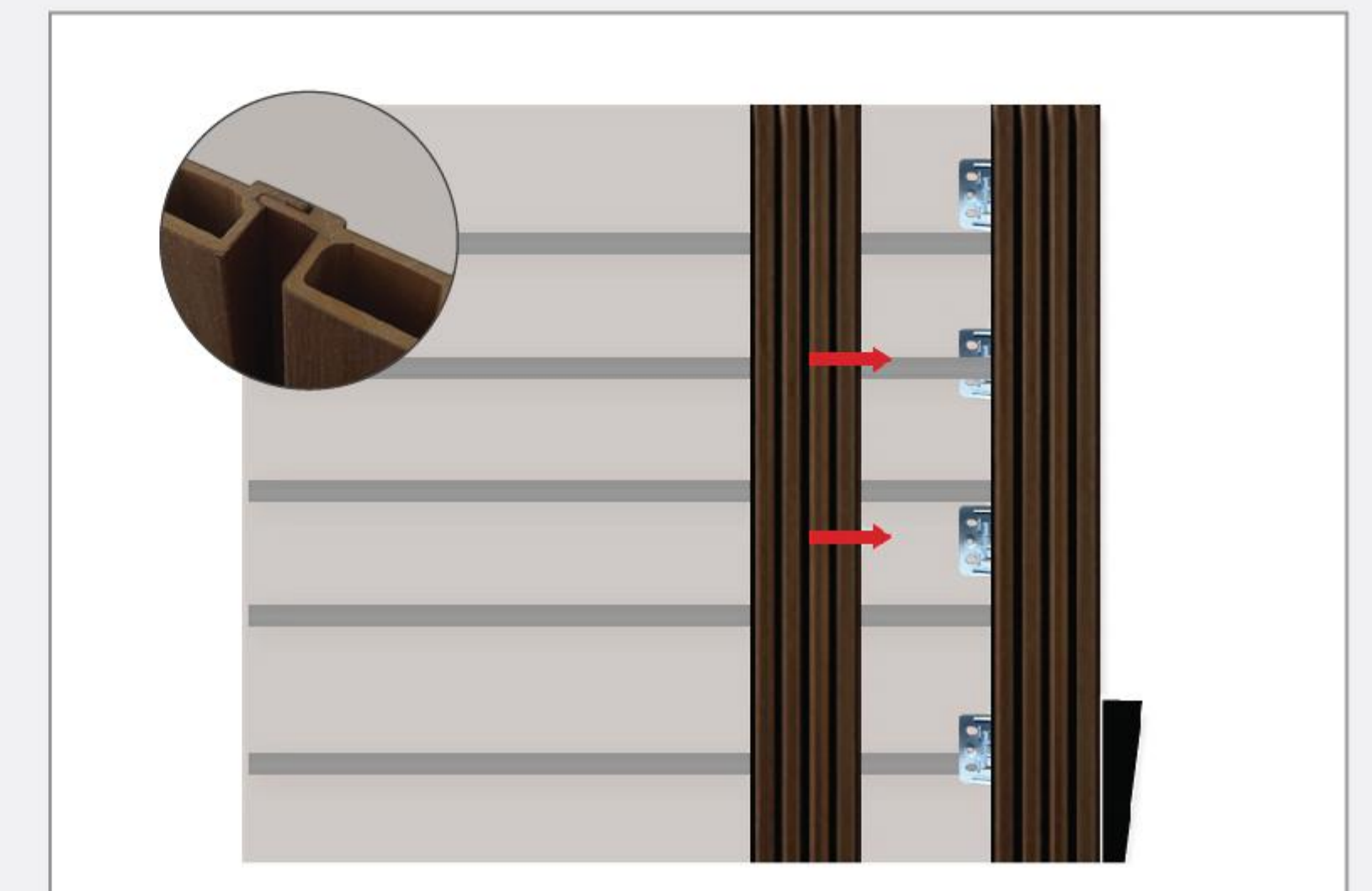
Level the wall, place a keel every 30cm, and place the first wall panel on the keel with its tenon flush with the wall edge.



Use a power drill to fix the wall panels to the keel, with wood screws located at the tenons, 300mm apart.



On the other side, attach the clips to the wall plate at 300mm intervals and then fasten them to the wall using an electric drill.



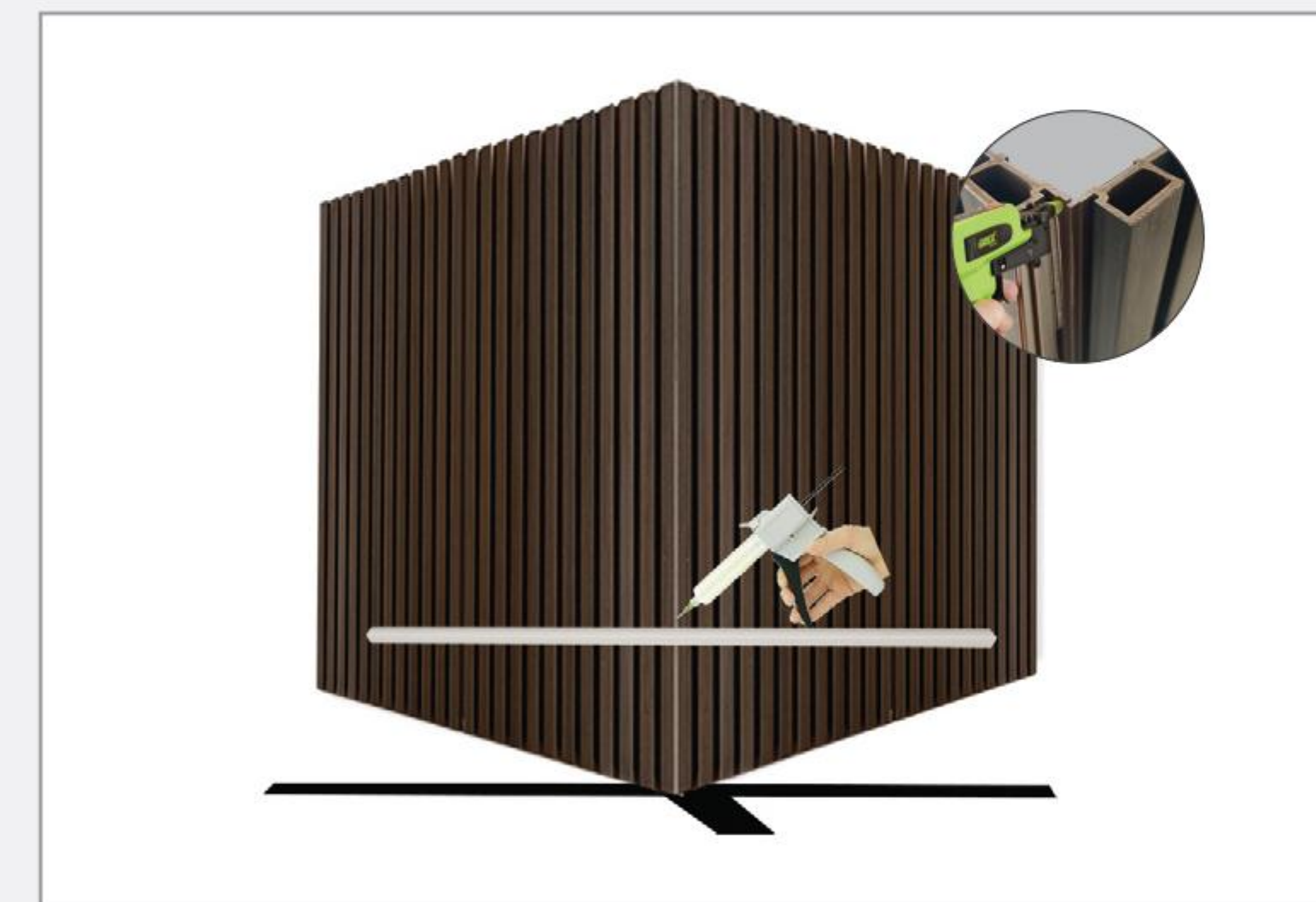
Snap the second wall panel into place. The tenon of the second panel should fit into the groove of the first panel. Complete the rest in the same way.



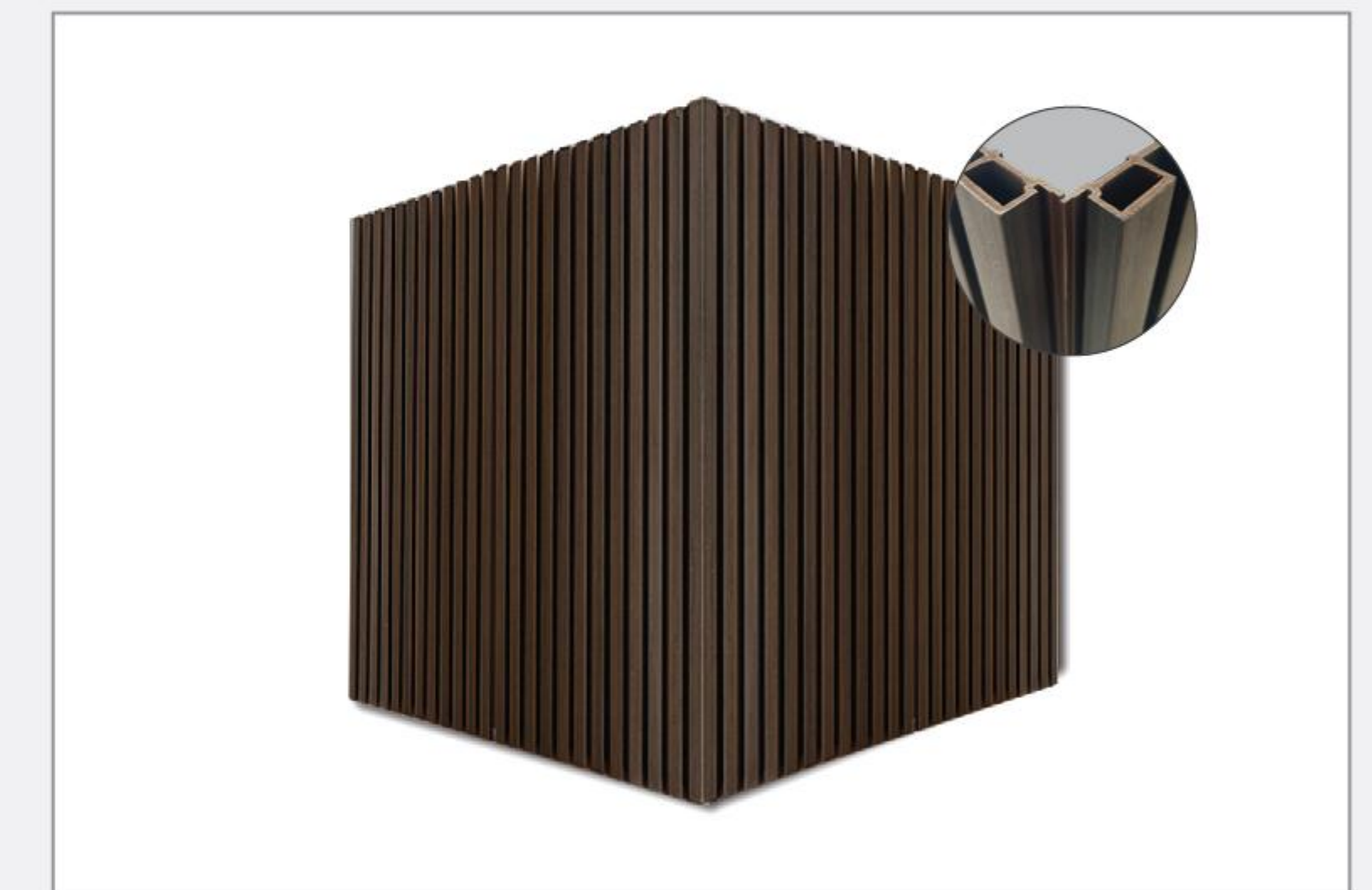
Around the corner, cut the panel to a suitable width.



Use an electric drill to fix the clips to the wall



Complete the rest of the parts in the same way, apply structural adhesive on the back of the 50/50 corner line, and stick the corner line to the outside corner.



Installation Complete

The Only Choice – ASA Outdoor Panel

ASA outdoor panel is your worry-free solution for long-lasting performance. Made with high-quality core materials and co-extruded with advanced ASA surface technology, it delivers excellent durability and weather resistance. You won't need to worry about maintenance work even after years of outdoor exposure — the panel resists warping, bending, splitting, and cracking with ease.

Unique Technology – ASA Surface Excellence

What sets apart is our innovative ASA surface co-extrusion technology. ASA (Acrylonitrile Styrene Acrylate) not only enhances color stability and UV resistance but also ensures the panel retains its vibrant appearance for years. While other panels may look similar, the difference lies in the material science.

Professionalism and Rich Experience

Choosing means choosing trusted expertise and guaranteed quality. With over 13 years of experience in the industry, our team continues to upgrade technology, improve products, and offer top-tier service. We are committed to delivering reliable outdoor solutions backed by solid R&D and full after-sales support.