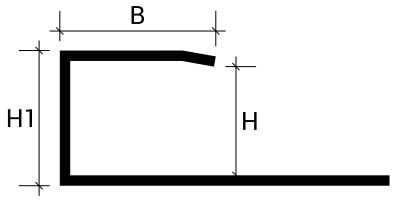
WOODTEC LT

PRODUCT DESCRIPTION

The WOODTEC LT profiles are specifically designed for finishing the perimeter of floating wood floors, particularly when they transition to another floor type at the same elevation or abut a vertical surface. While acting as an expansion joint, they also allow floor edge finishing without baseboards. This profile is also suitable along sliding door tracks and as entrance mat framing. Installed with flathead screws.

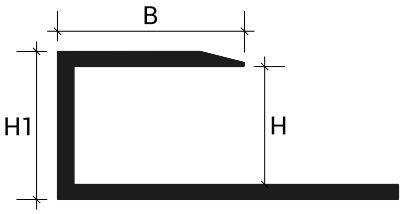
TECHNICAL FEATURES

Length: 2.70 meters - 8'10"



Stainless Steel - Brass

B = 5/8" - 15 mm
H1 = H + 3/32" - 2.5 mm



Aluminum

B = 5/8" - 15 mm
H1 = H + 3/32" - 2.5 mm

MATERIAL DESCRIPTION

Stainless Steel
Steel profiles are made by cold forming sheets of constant thickness, thus differing from the corresponding aluminum and brass versions made by hot extrusion, while maintaining their application and dimensional characteristics. Stainless steel effectively resists high mechanical stress and is particularly suitable for use in the chemical, food, and hospital sectors, where hygiene, durability, and chemical resistance are essential. Normally produced with a semi-gloss finish, a brushed finish can also be achieved by partially removing material using rotating nylon and quartz fiber brushes. This process gives the surface a matte appearance without altering its characteristics.

AISI 304 STAINLESS STEEL - EN X 5 CrNi 18 10 - DIN 1.4301:
This steel belongs to the AUSTENITIC category and is the most widespread and commonly used alloy for products requiring high technical and performance characteristics. It is highly resistant to most chemical agents but may stain or darken superficially; a standard polishing product is sufficient to restore its original appearance.

IL

woodtec >> LT in Stainless Steel AISI 304 - DIN 1.4301 Polished		
Item	**H inch**	**Finish**
LT100ILN270	3/8	IL - Polished
LT150ILN270	9/16	IL - Polished
LT220ILN270	7/8	IL - Polished

MATERIAL DESCRIPTION

Aluminum

The primary aluminum alloy EN AW-6060 in T6 temper is suitable for complex extrusions, offering high strength and an excellent natural surface finish that lends itself well to subsequent finishing processes.

ANODIZED ALUMINUM:
The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.
According to the EN 12373 standard, the profiles are treated with preventive processes that make them uniformly opaque, subsequently they are coloured through an electro-chemical oxidation process in the standard colours Silver, Gold, Bronze, Copper and Titanium with a thickness of up to 10 microns.

SUBLIMATED ALUMINUM:
The finish obtained through the painting and sublimation process is a process that consists of a first phase corresponding to the powder coating process and a second phase that uses sublimation transfer technology. This allows images or decorations to be transferred from a film to an object, usually metal, using heat and pressure, creating a high-quality and durable aesthetic finish.
In addition to presenting realistic decorative effects, it also retains the characteristics of an electrostatic painting based on polyester powders.

woodtec >> LT in Anodized Aluminum		
Item	**H inch**	**Finish**
LT70ASN270	9/32	AS - Silver
LT90ASN270	11/32	AS - Silver
LT100ASN270	13/32	AS - Silver
LT130ASN270	33/64	AS - Silver
LT150ASN270	9/16	AS - Silver
LT70AON270	9/32	AO - Gold
LT90AON270	11/32	AO - Gold
LT100AON270	13/32	AO - Gold
LT130AON270	33/64	AO - Gold
LT150AON270	9/16	AO - Gold
LT70ABN270	9/32	AB - Bronze
LT90ABN270	11/32	AB - Bronze
LT100ABN270	13/32	AB - Bronze
LT130ABN270	33/64	AB - Bronze
LT150ABN270	9/16	AB - Bronze

woodtec >> LT in Wood Effect Aluminum		
Item	**H inch**	**Finish**
LT90RSN270	11/32	RS - Bleached
LT90ACN270	11/32	AC - Maple
LT90FAN270	11/32	AN - Beechwood
LT90RON270	11/32	RO - Oak
LT90CIN270	11/32	CI - Cherry
LT90NCN270	11/32	NC - Light Walnut
LT90NSN270	11/32	NS - Dark Walnut
LT90WEN270	11/32	WE - Wengé

22/12/25

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MATERIAL DESCRIPTION

Brass
Profiles made from CW618N (EN 12167) brass alloy are characterized by high resistance to mechanical stress, making them particularly suitable for heavy-traffic applications, such as industrial settings and at expansion joints.
Brass is resistant to most chemical agents commonly encountered during the installation of ceramic coverings. However, in the presence of humidity or aggressive substances, the surface may develop superficial oxidation, which can be removed using a standard polishing product.
These profiles can be manufactured through either hot extrusion or cold forming from sheets of constant thickness.

POLISHED BRASS:
This finish is obtained using specialized polishing machines that mechanically enhance the surface without altering the material's intrinsic properties. In the presence of oxidizing agents, some surface darkening may occur, which can be easily restored using common polishing products.

OL

woodtec >> LT in Polished Brass		
Item	**H inch**	**Finish**
LT100OLN270	3/8	OL - Polished
LT150OLN270	9/16	OL - Polished
LT220OLN270	7/8	OL - Polished

Self-adhesive profiles

APPLICATION

1. Check that the substrate is solid, flat, clean, degreased and dry, verifying that the application temperature is not lower than 15°C in case of gluing;
2. Cut the profile to the required length;
3. Apply the adhesive (FIXXTEC) to the part of the profile to be adhesived, or remove the protective paper from the adhesive for self-adhesive versions, and position the profile correctly without further adjustments;
4. Apply the profile with uniform pressure without hammering;
5. Remove any adhesive residue from the profile immediately.

N.B.: Aluminum profiles offer limited resistance to alkaline substances, so their use must be evaluated according to the expected chemical aggressions. Aluminum profiles in contact with cementitious substances can be attacked by corrosion processes, so residues of used adhesives and sealants should be removed immediately. When laying, the right amount of adhesive must be used and the right drying times observed, avoiding creating cavities in which water can stagnate, which would lead to the formation of alkaline substances (aluminum hydroxide) and trigger corrosive electrolytic phenomena.

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Profiles applied with screws and plugs

APPLICATION

1. Cut the profile to the required length;
2. Position the profile and mark the position of the holes, possibly using the holes present in the profile if in the perforated version;
3. Insert the dowels if the support requires it, fix the profile using countersunk screws (for threshold cover profiles use 3 mm diameter screws and 3/16" - 5 x 31/32" - 25 mm dowels).

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CLEANING AND MAINTENANCE

STAINLESS STEEL:
Stainless steel is easy to clean and very hygienic because of its smooth, nonporous surface, which hinders the growth of bacteria. To keep it in good condition, simply wash it with warm soapy water, rinse it thoroughly and dry it with a soft cloth. If exposed to weathering, periodic cleaning is recommended to prevent corrosion. Brushed surfaces should be cleaned in the direction of brushing. In case of scratches, a specific polish can be used with a soft cloth.
Avoid cleaning agents containing hydrochloric acid, hydrofluoric acid or bleach, as well as abrasive products. Do not leave ordinary steel objects in contact with stainless steel to prevent contamination and rust stains. Also, do not leave damp patches or sponges on the surface to prevent water halos.

ALUMINIUM:
Aluminum requires no special maintenance.
For cleaning, use colorless alcohol diluted in water or neutral detergents, avoiding acidic ones (e.g., hydrochloric or hydrofluoric acid); use non-abrasive sponges or cloths to avoid damage. We recommend not applying cleaners directly to surfaces. After cleaning, rinse with water and dry immediately with a soft cloth. Avoid polishes. Quickly remove residual cement or grout to protect the surface.

BRASS:
Brass does not require special maintenance and is easily cleaned with alcohol diluted in water or with neutral detergents, avoiding those with an acidic base.
It is recommended to use water with mild detergents, ensuring the final rinse is with water only. To avoid scratches, use exclusively non-abrasive cloths or sponges. For maintenance, common polishes available on the market can be used.

WARNINGS

These profiles should be handled with care, using cut-resistant gloves. The indications and prescriptions herein, while corresponding to our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines any responsibility for any damage to people or things resulting from improper use of the products. The user is required to determine whether or not the product is suitable for use and assumes all responsibility arising from incorrect installation of the material.

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BILL OF QUANTITIES ITEM

Supply and installation of profile in _____ (material), with finish _____ _____ (see Material Description section) of characteristic size _____ mm. Profile with shaped upper part for an ideal finish of the wooden floor.
Family type _____ from the Profilitec company as a perimeter or terminal profile and perimeter expansion joint to be supplied and installed according to the rules of the art, respecting the methods and fields of application indicated by the manufacturer.

Profile length: 2700 mm
Profile SKU: _____
Material: _____ $/pc
Installation: _____ $/pc
Totale price: _____ $/pc

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