

## BORDERTEC BO

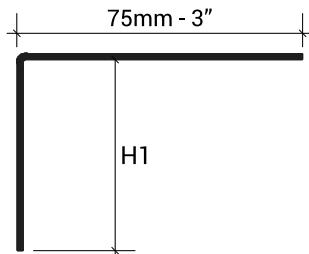
### PRODUCT DESCRIPTION



"L" shaped perimeter profile to protect and terminate external concrete edges. Designed for tile protruding over a screed base. Leave the necessary space between the different elements for thermal expansion by covering the space with the connector pieces.

### TECHNICAL FEATURES

Length: 2,70 meters



Stainless Steel - Aluminum

### 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

bordertec >> BO in Stainless Steel Polished AISI 304 - DIN 1.4301		
Item	H1 mm	Finish
BO30IL270	30	IL - Polished
BO42IL270	42	IL - Polished
BO55IL270	55	IL - Polished
BO75IL270	75	IL - Polished
BO95IL270	95	IL - Polished

bordertec >> BOE External corner in Stainless Steel AISI 304 - DIN 1.4301		
Item	H1 mm	Finish
BOE30IL	30	IL - Polished
BOE42IL	42	IL - Polished
BOE55IL	55	IL - Polished
BOE75IL	75	IL - Polished
BOE95IL	95	IL - Polished

bordertec >> BOG Joint in Stainless Steel AISI 304 - DIN 1.4301		
Item	H1 mm	Finish
BOG30IL	30	IL - Polished
BOG42IL	42	IL - Polished
BOG55IL	55	IL - Polished
BOG75IL	75	IL - Polished
BOG95IL	95	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.

### POWDER COATED ALUMINUM:

Powder coating begins with a chromium phosphate pre-treatment, followed by electrostatic application of polyester powders that offer high resistance to U.V. rays and atmospheric agents. The entire surface of the profile is coated with an average thickness of approximately 60 microns. A hot cross-linking polymerization process is then carried out to ensure maximum chemical and mechanical resistance.



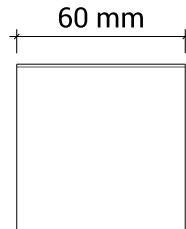
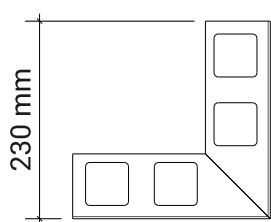
## ACCESSORIES



BOE A22



BOG A22



**bordertec >> BO in Powder Coated Aluminum**

Item	H1 mm	Finish
BO30A11270	30	A11 - Pure White
BO42A11270	42	A11 - Pure White
BO55A11270	55	A11 - Pure White
BO75A11270	75	A11 - Pure White
BO95A11270	95	A11 - Pure White
BO30A22270	30	A22 - Pastel Grey
BO42A22270	42	A22 - Pastel Grey
BO55A22270	55	A22 - Pastel Grey
BO75A22270	75	A22 - Pastel Grey
BO95A22270	95	A22 - Pastel Grey
BO30A32270	30	A32 - Dark Beige
BO42A32270	42	A32 - Dark Beige
BO55A32270	55	A32 - Dark Beige
BO75A32270	75	A32 - Dark Beige
BO95A32270	95	A32 - Dark Beige
BO30A62270	30	A62 - Red Brown
BO42A62270	42	A62 - Red Brown
BO55A62270	55	A62 - Red Brown
BO75A62270	75	A62 - Red Brown
BO95A62270	95	A62 - Red Brown
BO30A63270	30	A63 - Dark Brown
BO42A63270	42	A63 - Dark Brown
BO55A63270	55	A63 - Dark Brown
BO75A63270	75	A63 - Dark Brown
BO95A63270	95	A63 - Dark Brown

**bordertec >> BOE External corner in Powder Coated Aluminum**

Item	H1 mm	Finish
BOE30A11	30	A11 - Pure White
BOE42A11	42	A11 - Pure White
BOE55A11	55	A11 - Pure White
BOE75A11	75	A11 - Pure White
BOE95A11	95	A11 - Pure White
BOE30A22	30	A22 - Pastel Grey
BOE42A22	42	A22 - Pastel Grey
BOE55A22	55	A22 - Pastel Grey
BOE75A22	75	A22 - Pastel Grey
BOE95A22	95	A22 - Pastel Grey
BOE30A32	30	A32 - Dark Beige
BOE42A32	42	A32 - Dark Beige
BOE55A32	55	A32 - Dark Beige
BOE75A32	75	A32 - Dark Beige
BOE95A32	95	A32 - Dark Beige
BOE30A62	30	A62 - Red Brown
BOE42A62	42	A62 - Red Brown
BOE55A62	55	A62 - Red Brown
BOE75A62	75	A62 - Red Brown
BOE95A62	95	A62 - Red Brown
BOE30A63	30	A63 - Dark Brown
BOE42A63	42	A63 - Dark Brown
BOE55A63	55	A63 - Dark Brown
BOE75A63	75	A63 - Dark Brown
BOE95A63	95	A63 - Dark Brown

**bordertec >> BOG Joint in Powder Coated Aluminum**

Item	H1 mm	Finish
BOG30A11	30	A11 - Pure White
BOG42A11	42	A11 - Pure White
BOG55A11	55	A11 - Pure White
BOG75A11	75	A11 - Pure White
BOG95A11	95	A11 - Pure White
BOG30A22	30	A22 - Pastel Grey
BOG42A22	42	A22 - Pastel Grey
BOG55A22	55	A22 - Pastel Grey
BOG75A22	75	A22 - Pastel Grey
BOG95A22	95	A22 - Pastel Grey
BOG30A32	30	A32 - Dark Beige
BOG42A32	42	A32 - Dark Beige
BOG55A32	55	A32 - Dark Beige
BOG75A32	75	A32 - Dark Beige
BOG95A32	95	A32 - Dark Beige
BOG30A62	30	A62 - Red Brown
BOG42A62	42	A62 - Red Brown
BOG55A62	55	A62 - Red Brown
BOG75A62	75	A62 - Red Brown
BOG95A62	95	A62 - Red Brown
BOG30A63	30	A63 - Dark Brown
BOG42A63	42	A63 - Dark Brown
BOG55A63	55	A63 - Dark Brown
BOG75A63	75	A63 - Dark Brown
BOG95A63	95	A63 - Dark Brown

## APPLICATION

1. Choose the H-size profile corresponding to the thickness of the covering to be laid, taking care to ensure that the profile does not exceed the edge of the covering but is positioned 0,5 to 1 mm lower;
2. Cut to the desired length;
3. Fix the profiles to the screed with nails, taking care to separate them by at least 1 cm from the screed and taking care to leave at least 0.5 cm of space between adjacent profiles and mask that space with the joint;
4. Spread the adhesive in the profile application area with the help of a notched trowel;
5. Apply the desired waterproofing system (Balcotec System) where applicable;
6. Lay the flooring, taking care to leave a gap of approximately 5 mm between the tile and the profile;
7. 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.

## 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.

### ALUMINUM:

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.

## WARNINGS

These profiles must be handled with care, taking care to use cut-resistant gloves. The instructions and requirements contained herein, while based on our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines all responsibility for any damage to persons or property resulting from improper use of the product. The user is responsible for determining whether or not the product is suitable for use and assumes all responsibility for any damage resulting from incorrect installation of the material.

**BILL OF QUANTITIES ITEM**

Supply and installation of profile in \_\_\_\_\_ (material), with finish \_\_\_\_\_  
\_\_\_\_\_ (see Material Description section) with characteristic dimensions \_\_\_\_\_ mm,  
equipped with perforated tab that guarantees perfect adhesion with the adhesive used. Profile with straight lower part  
flush with the wall to be mounted 10 mm from it to keep the screed thickness protected and ventilated.  
Family type \_\_\_\_\_ from the Profilitec company as a painted aluminium perimeter profile suitable  
for laying terrace and balcony flooring, to be supplied and installed properly, following the methods and fields of application  
suggested by the manufacturer.

Profile length: 2700 mm

Profile SKU: \_\_\_\_\_

Material: \_\_\_\_\_ €/m

Installation: \_\_\_\_\_ €/m

Total price: \_\_\_\_\_ €/m