

## COFLEX CBL

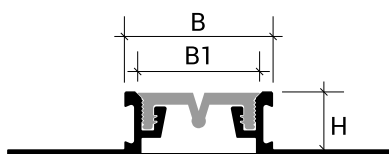
### PRODUCT DESCRIPTION



COFLEX CBL profiles are composed of twin metal profiles joined by a central synthetic resin seal. Designed to bear distributed loads, the vertical edge has a patented dovetailed internal cavity which maximizes grout grip and tile edge protection. The central rubber insert absorbs and redistributes differential movement within the tile surface. The profile size is chosen according to the tile thickness and should remain 3/16" +/- 1/32" (5 +/- 1mm) below the floor elevation. Ideally used in retail shops, hotels, sports facilities and schools.

### TECHNICAL FEATURES

Length: 2.70 meters - 8'10" - Insert assembled.



Aluminum - Brass + Synthetic Resinflex Insert

B = 1-1/32" - 26 mm

B1 = 13/16" - 21 mm

AN23= AN + P23

AN51= AN + P51

ON23= ON + P23

ON51= ON + P51

### MATERIAL DESCRIPTION

#### Natural Aluminium + Synthetic Resinflex insert

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.

RESINFLEX Plasticized thermoplastic synthetic resin:

Made from primary resin, its polyvinyl chloride composition provides high resistance and compatibility with Resinil in the COEXTRUSION process we use in most expansion joints. Thanks to the nature of the plasticizers used, the material maintains its essential elasticity characteristics over time.



AN



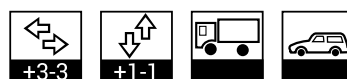
P23



P51

coflex >> CBL in Natural Aluminum + Synthetic Insert Resinflex		
Item	H inch	Finish
CBL80AN23270	5/16	A23 - Cement Grey
CBL100AN23270	3/8	A23 - Cement Grey
CBL125AN23270	1/2	A23 - Cement Grey
CBL150AN23270	9/16	A23 - Cement Grey
CBL200AN23270	3/4	A23 - Cement Grey
CBL80AN51270	5/16	A51 - Black
CBL100AN51270	3/8	A51 - Black
CBL125AN51270	1/2	A51 - Black
CBL150AN51270	9/16	A51 - Black
CBL200AN51270	3/4	A51 - Black

coflex >> CBI Spare insert Resinflex		
Item	B inch	Finish
CBI20P23	3/4	P23 - Cement Grey
CBI20P51	3/4	P51 - Black



## MATERIAL DESCRIPTION

### Natural Brass + Synthetic Resinflex insert

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.

RESINFLEX Plasticized thermoplastic synthetic resin:

Made from primary resin, its polyvinyl chloride composition provides high resistance and compatibility with Resinil in the COEXTRUSION process we use in most expansion joints. Thanks to the nature of the plasticizers used, the material maintains its essential elasticity characteristics over time.



ON



P51



P23

coflex >> CBL in Natural Brass + Synthetic Insert Resinflex		
Item	H inch	Finish
CBL80ON23270	5/16	ON23 - Cement Grey
CBL100ON23270	3/8	ON23 - Cement Grey
CBL125ON23270	1/2	ON23 - Cement Grey
CBL150ON23270	9/16	ON23 - Cement Grey
CBL200ON23270	3/4	ON23 - Cement Grey
CBL80ON51270	5/16	ON51 - Black
CBL100ON51270	3/8	ON51 - Black
CBL125ON51270	1/2	ON51 - Black
CBL150ON51270	9/16	ON51 - Black
CBL200ON51270	3/4	ON51 - Black

coflex >> CBI Spare insert Resinflex		
Item	B inch	Finish
CBI20P23	3/4	P23 - Cement Grey
CBI20P51	3/4	P51 - Black



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## APPLICATION

1. Choose the H-size profile corresponding to the thickness of the tile to be laid, taking care to ensure that the profile does not exceed the edge of the floor but is positioned 0.5 to 1 mm lower.
2. Spread the adhesive in the profile application area with the help of a notched trowel;
3. Cut the profile to the required length and place it so that the base sinks into the adhesive, pressing and aligning it;
4. Apply an additional layer of adhesive to the perforation and in the cavities of the vertical section of the profile in contact with the edge of the floor;
5. Generally leave a space of about 3/32" - 2 mm between the profile and the edge of the tile to be filled later with sealant or grout;
6. 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

### 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 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) of characteristic size \_\_\_\_\_ mm, equipped with  
 perforated fin and undercut on the side in contact with the tile which guarantee a perfect grip with the adhesive used and  
 with internal part closed by an elastic element for better control of expansions in compression.

Family type \_\_\_\_\_ from the Profilitec company as an elastic joint and protection for the covering 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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