

COFLEX CB

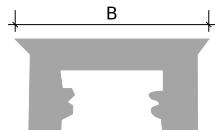
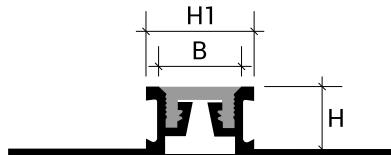
PRODUCT DESCRIPTION



COFLEX CB 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 5 +/- 1mm below the floor elevation. Ideally used in retail shops, hotels, sports facilities and schools.

TECHNICAL FEATURES

Length: 2,70 meters - Insert assembled.



A - B + Synthetic Insert Resinflex

B = 11.6 mm
H1 = 16.2 mm

Synthetic Insert Resinflex

MATERIAL DESCRIPTION

Natural Aluminium + Synthetic Resinflex insert

The primary aluminium 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



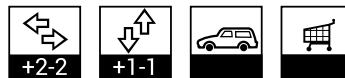
P23



P51

coflex >> CB in Natural Aluminum + Synthetic Insert Resinflex		
Item	H mm	Finish
CB80AN23270	8	A23 - Cement Grey
CB100AN23270	10	A23 - Cement Grey
CB125AN23270	12,5	A23 - Cement Grey
CB150AN23270	15	A23 - Cement Grey
CB200AN23270	20	A23 - Cement Grey
CB80AN51270	8	A51 - Black
CB100AN51270	10	A51 - Black
CB125AN51270	12,5	A51 - Black
CB150AN51270	15	A51 - Black
CB200AN51270	20	A51 - Black

coflex >> CBI Spare insert Resinflex		
Item	B mm	Finish
CBI10P23	10	P23 - Cement Grey
CBI10P51	10	P51 - Black



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.

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 P23 P51

coflex >> CB in Natural Brass + Synthetic Insert Resinflex		
Item	H mm	Finish
CB80ON23270	8	ON23 - Cement Grey
CB100ON23270	10	ON23 - Cement Grey
CB125ON23270	12,5	ON23 - Cement Grey
CB150ON23270	15	ON23 - Cement Grey
CB200ON23270	20	ON23 - Cement Grey
CB80ON51270	8	ON51 - Black
CB100ON51270	10	ON51 - Black
CB125ON51270	12,5	ON51 - Black
CB150ON51270	15	ON51 - Black
CB200ON51270	20	ON51 - Black

coflex >> CBI Spare insert Resinflex		
Item	B mm	Finish
CBI10P23	10	P23 - Cement Grey
CBI10P51	10	P51 - Black



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 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 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.

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 _____ of the Profilitec company as an elastic joint and protection of the covering 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