

COFLEX CKM

PRODUCT DESCRIPTION



COFLEX CK technical sliding expansion joints are conceived for thin-set installations. Two metal sides interlock and slide with an internal gap of +/- 2mm, redistributing differential movement due to material compression and expansion. The profile comes assembled in a "neutral" position, held together by an elastic gasket in the lower profile section. It offers durability and high resistance to vertical loads with a modern design. Suggested floor bays: 16 - 25m².

TECHNICAL FEATURES

Length: 2,70 meters



Aluminum - Brass

B variable = from 9 mm to 13 mm

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.



AN

coflex >> CKM in Natural Aluminum		
Item	H mm	Finish
CKM450AN270	45	AN - Natural



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.



ON

coflex >> CKM in Brass		
Item	H mm	Finish
CKM4500N270	45	ON - Natural



APPLICATION

1. Cut the profile to the required length;
2. Make sure that the groove or gap to be filled is the right size for the profile to fit into.
3. In general, for wooden floors calculate 0.5 mm less than the joint, for stone and ceramic floors the measurement is that of the joint;
4. Apply the adhesive (FIXXTEC) in the groove;
5. Position the profile by inserting it with uniform pressure and using a rubber mallet;
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 vertical undercut teeth which guarantee a perfect grip when cutting the screed and with an internal part made up of metal sliding profiles for long-lasting durability and for better control of expansions in compression.

Family type _____ from the Profilitec company as an elastic fractioning and protection joint for the covering suitable for high loads and vehicles 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: _____ €/m

Installation: _____ €/m

Total price: _____ €/m