

COFLEX CTR

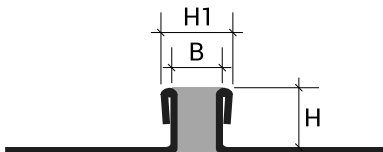
PRODUCT DESCRIPTION



This is a metal expansion joint with grindable insert, very resistant to the passage of loads. Ideal for ceramic tiles. The sturdy continuous metal corners protect the edges of the tiles, marble or stone and reduce mechanical stress, which in the presence of intense traffic risks compromising the integrity of the flooring. The metal side parts consist of a trimtec-type profile with a rounded upper edge and shearing to absorb high loads and tensions that affect the flooring making a single body with the thin-set mortar and the tiles. The expansion zone in EPDM has excellent hardness with the right compromise between flexibility and strength. The height of the joint to be used must be chosen in correspondence with that of the flooring to be used and the quantity of thin set used for laying, the profile must in no case protrude from the flooring surface but must be less than approx. 0.5 ÷ 1 mm.

TECHNICAL FEATURES

Length: 2,70 meters



Stainless Steel + EPDM polishable insert

H1 = 10 mm

IL23 = IL + P23

B = 5 mm

IL51 = IL + P51

MATERIAL DESCRIPTION

Stainless Steel + EPDM polishable insert

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.

RESINPRENE Vulcanized rubber:

Resinprene vulcanized rubber is a modified EPDM-based compound whose particular characteristics we highlight:

Optimal mechanical properties in an operating temperature range from -40 °C to + 150 °C

Resistance to aqueous fluids, oils, and hydrocarbons. Low permanent deformation in compression and tension. Excellent resistance to aging. Exceptional resistance to dynamic fatigue and tearing. The intrinsic characteristics of the material make it particularly suitable for the production of profiles requiring high performance over time, both indoors and outdoors.



IL



P23



P51

coflex >> CTR in Stainless Steel AISI 304 - DIN. 1.4301 - Polished + Insert EPDM

Item	H mm	Finish
CTR30IL23270	3	IL23 - Cement Grey
CTR45IL23270	4,5	IL23 - Cement Grey
CTR60IL23270	6	IL23 - Cement Grey
CTR80IL23270	8	IL23 - Cement Grey
CTR100IL23270	10	IL23 - Cement Grey
CTR125IL23270	12,5	IL23 - Cement Grey
CTR150IL23270	15	IL23 - Cement Grey
CTR200IL23270	20	IL23 - Cement Grey
CTR30IL51270	3	IL51 - Black
CTR45IL51270	4,5	IL51 - Black
CTR60IL51270	6	IL51 - Black
CTR80IL51270	8	IL51 - Black
CTR100IL51270	10	IL51 - Black
CTR125IL51270	12,5	IL51 - Black
CTR150IL51270	15	IL51 - Black
CTR200IL51270	20	IL51 - 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.

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.

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, equipped with a perforated fin which guarantees perfect positioning under the tile used and with an internal part closed by an elastic element in vulcanised EPDM rubber for better control of expansions in compression and durability over time.

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

Totale price: _____ €/m