

## VARIOTEC DC

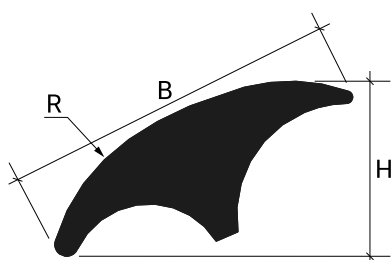
### PRODUCT DESCRIPTION



VARIOTEC DC profiles' innovative design elegantly rotates and adapts to match different floor elevations. By simply rotating its shape, this profile can adapt to floor thicknesses ranging from 7 to 14mm. Use our adhesive for on-site installation.

### TECHNICAL FEATURES

Length: 2,70 meters



Aluminum - Brass

R = 15 mm

H for thicknesses from 7 to 14 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.

#### ANODIZED ALUMINUM:

The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.

In accordance with the EN 12373 standard, profiles undergo preliminary treatments that create a uniformly matte surface. They are then colored through an electrochemical oxidation process in standard finishes: Silver, Gold, Bronze, Copper, and Titanium, with a coating thickness of up to 20 microns.



AS



AO



AB

variotech >> DC in Anodized Aluminum		
Item	B mm	Finish
DC22AS270	21	AS - Silver
DC22AO270	21	AO - Gold
DC22AB270	21	AB - Bronze

## 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.

### POLISHED BRASS:

This finish is obtained using specialized polishing machines that mechanically enhance the surface without altering the material's intrinsic properties. In the presence of oxidizing agents, some surface darkening may occur, which can be easily restored using common polishing products.



OL

variotech >> DC in Polished Brass		
Item	B mm	Finish
DC220L270	21	OL - Polished

## APPLICATION

1. Choose the profile in the desired material and finish considering a lateral overlap of 2/3 mm;
2. Cut to the desired length;
3. Thoroughly clean the surfaces that will be covered by the profile after installation;
4. Fill the joint space with FIXXTEC or with the adhesive used for laying the floor;
5. Sink the profile into the adhesive, making sure that the profile is level with the coverings to be joined;
6. Apply and maintain uniform pressure for a few minutes along the entire profile to optimize adhesion to the installation surface.

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.

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## 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. Profile with  
 connected upper part for an ideal floor finish.

Family type \_\_\_\_\_ from the Profilitec company as a finishing and connection profile between  
 existing floors and new 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

Totale price: \_\_\_\_\_ €/m