

JOINTEC GAS

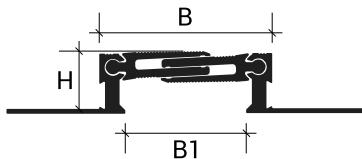
PRODUCT DESCRIPTION



Profilitec completes its joint range, introducing the GAS structural sliding joint. The GAS joint was conceived to be installed underneath flooring (tile, stone, etc.) and over the floor slab, differently than the GA range, which can only be installed under the slab. It is particularly suitable for commercial structures, airports, parking garages and railway stations with pedestrian and lightweight vehicle passage. The joint may be installed in the interstitial space between two sections of a building or between two building bays, according to technical specifications resulting from a structural evaluation of the building.

TECHNICAL FEATURES

Length: 2,70 meters



Aluminum

B variable = from 33 mm a 40 mm

B1 variable = from 21 mm to 28 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.

According to the EN 12373 standard, the profiles are treated with preventive processes that make them uniformly opaque, subsequently they are coloured through an electro-chemical oxidation process in the standard colours Silver, Gold, Bronze, Copper and Titanium with a thickness of up to 10 microns.



AN



AS

jointec >> GAS in Natural Aluminum

Item	H mm	Finish
GAS100AN270	10	AN - Natural
GAS125AN270	12,5	AN - Natural
GAS150AN270	15	AN - Natural
GAS200AN270	20	AN - Natural


jointec >> GAS in Anodized Aluminum

Item	H mm	Finish
GAS100AS270	10	AS - Silver
GAS125AS270	12,5	AS - Silver
GAS150AS270	15	AS - Silver
GAS200AS270	20	AS - Silver


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.

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 a perforated fin which guarantees perfect positioning under the tile used and with an internal part composed of mobile metal elements for better control of horizontal expansions in extension, compression and positive and negative vertical expansions.

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: _____ €/m

Installation: _____ €/m

Total price: _____ €/m