

JOINTEC GDM

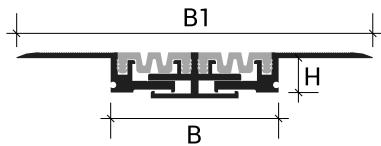
PRODUCT DESCRIPTION



This is an aluminium body structural expansion joint with synthetic rubber insert. Designed to bear structural movements of large sized buildings or compounds of buildings. To be installed on pre-existing surfaces, also vertically, over the spaces existing between two semi-detached parts of a building of smaller entity or between different beam bays. They can connect and close these interspaces adjusting themselves upwards, downwards and even transversely, according to the shrinkage-settlement movements of the whole building, be they cyclic or permanent. Within the bay frame created with the structural joints, a further surface subdivision with a suitable pattern of movement / expansion joints should always be provided for.

TECHNICAL FEATURES

Length: 4,00 meters



Aluminum + Resinprene Insert

H = 17,7 mm

B1 = 183,5 mm

AN23= AN + P23

AN51= AN + P51

MATERIAL DESCRIPTION

Aluminum + Resinprene Insert

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.

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 $+150^{\circ}\text{C}$

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.



AN



P23



P51

jointec >> GDM in Aluminum + Insert Resinprene

Item	B mm	Finish
GDM860AN23400	86	A23 - Cement Grey
GDM860AN51400	86	A51 - Black


APPLICATION

1. Choose the profile according to the loads and expansion to which it will be subjected. If necessary, level the subfloor using a layer of plastic mortar with a width of 10 cm approx. Calculating in advance that when the laying is completed the joint will be perfectly flush with the finished floor;
2. Spread the adhesive in the profile application area with the help of a notched trowel;
3. Cut the profile to the required length;
4. Align the joint, checking that it is perfectly linear. If present, fix the wings to the substrate using mechanical or chemical expansion plugs sized according to the loads and characteristics of the substrate;
5. Fixing must be carried out in parallel on both sides of the profile, positioning, if required, a plug every 30 cm, using the external holes alternately between the two fixing wings;
6. If necessary, depending on the type of wall covering material, a 3 to 5 mm elastic seal between the final edge of the wall covering and the profile is recommended.

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 adhesives and sealants used must 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 a profile in _____ (material), with a _____ finish (see Material Description section) with a characteristic size of _____ mm, equipped with a wide non-slip base with an EPDM insert which facilitates perfect fixing, and combined with a mobile metal insert for horizontal movements suitable for the passage of both pedestrians and trolleys.

Family type _____ from the company Profilitec as a structural joint to be used on the floor or wall to be supplied and laid in a workmanlike manner following the methods and fields of application suggested by the manufacturer.

Profile length: 4000 mm

Profile SKU: _____

Material: _____ €/m

Installation: _____ €/m

Total price: _____ €/m-