



GENOTEK

TECHNICAL DATA SHEET

Movement Joint Hook Bar

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PROPERTIES

- Convenient-ready to use
- Suitable for Interiors and Exterior
- Additional support via hook bar
- Suitable for floor to floor applications
- Meets American Standard ANSI A 108.1 and British Standard BS5385

STANDARD COLORS



PRODUCT DESCRIPTION

Genotek Hook bar joint is a movement/control joint manufactured with Stainless Steel, Brass or Aluminum bonded to a neoprene rubber insert. The side plates range from 15mm to 100mm in height and vary on thickness as per project demand. Can be used in interiors as well as exterior applications.

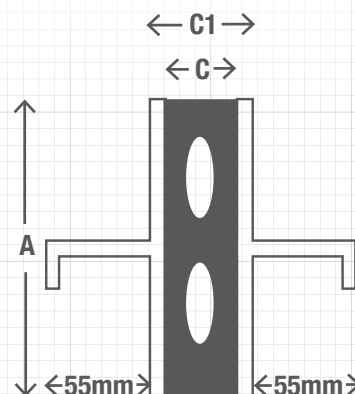
Genotek manufactures tile movement / control joints that are used on floors to protect edges and to accommodate movements and local stresses such as drying shrinkage, thermal variation, transient loading etc. they offer secure edge protection for surfaces exposed to foot traffic or light vehicular traffic. The side section of the profile provides effective edge protection for the surface covering.

Meets **American Standard ANSI A108.1** and **British Standard BS 5385** for installation of Ceramic Tiles, Stones and Mosaic.

MEASUREMENT TABLE

A	C	C1
15	4 - 13	6 - 15
20	4 - 13	6 - 15
25	4 - 13	6 - 15
30	4 - 13	6 - 15
35	4 - 13	6 - 15
40	4 - 13	6 - 15

Tie Dimension: 3mm dia x 45mm length



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Movement Joint Hook Bar

PRODUCT SELECTION

There are different widths and thickness of pre-formed movement joints, it is important to select the right model depending on its intended application. Kindly contact our technical team to help you in your selection.

The amount of movement that can be absorbed, and therefore the degree of protection given by the joint will usually accommodate movement up to 30% of the inserts width.

For example, a movement joint with an insert of 7mm would accommodate up to 2.5mm tile movement. Generally Stainless Steel, brass or Aluminum is ideal for light commercial use. Generally a stronger metal is used where tiles surface is cleaned by a scrubbing machine, or where rolling loads such as pallet trucks and metal -rimmed trolleys. Stainless Steel is also ideal in place like laboratories and food processing plants where chemicals are used. PVC can be used for residential projects or budget sensitive products.

MATERIAL & FUNCTION

Genotek Hook bar joint are manufactured using Brass, Stainless Steel or Aluminum side plates bonded firmly to a Neoprene, Silicone or EPDM insert. These joints are primarily designed to use for all adhesives fixed Ceramic, Terrazzo, Marble or Granite flooring installation.

They are placed over contraction joints or saw cuts prior to drying of adhesive and the joint depth should be sufficient to accommodate the adhesive layer and tile thickness.

When installed as per the control bay standards, these joints relieve and isolate stress that arises from the dimensional changes of the different components of the tile assembly.

The insert (Neoprene, Silicone or EPDM) is responsible to absorb the movement. The width of the insert is based on the expected movement.

COUNTRY	NATIONAL STANDARDS	RECOMMENDED BAY SIZES	
		INTERNAL	EXTERNAL
USA	ANSI A 108.1 Installation of Ceramic Tiles	6.0m-8.0m	3.6m-4.8m
UK	BS 5383: Part 3: 1989 code of practice for the design and installation of ceramic floor tile and mosaics.	8.0m-10.0m	4.5m-6.0m

INSTALLATION

1. The council of America (TCA) Handbook states that "All expansion, control, construction, cold and seismic joints in the structure should continue through the tile work, including such joints at vertical surfaces". So when such joints should be placed immediately above and should be continuously on the bedding finish. For suspended slabs, movement joints are to be placed above all beam supports and at center points of slabs where deflection expected are more than 20mm.
2. Using a notch trowel, apply tile adhesive to the area where the profile will be placed.
3. Press the perforated anchoring legs of Genotek into the adhesive bed and align. The profile must align directly with expansion and movement joints in the substrate below.

4. Completely cover the perforated anchoring leg with tile adhesive. Apply tile adhesive to the vertical section of the profile leg at an angle.
5. Firmly press the adjoining tiles into place and adjust them in such a way that the upper lip of the profile is flush with the tile.

NOTE: The profile should not be higher than the tile, but rather flush or up to approx.1mm lower.

Always set the uncut section of tile against the profile and ensure solid coverage at the profile, which assures a solid coverage at the profile area.

6. The tile is set to the side of the profile, which assures a uniform joint space of 1.5mm.
7. Fill the joints between the profile and the tile completely with grout.