

Plastic support ring for concrete pavers with leveling adjustment

Uses

Helasto-ring is designed to be easily divided into fractions:

- For the row of slabs adjacent to the surrounding wall, the half ring is used
- For the slabs at the angle, the fourth ring is used
- To set the three slabs on an external angle, the three quarters ring is used

The leveling disk is a Helasto-ring accessory that is applied like a wedge, in order to stabilise the slabs that are not sufficiently flat, or when the surface is irregular.

Generally it is used in quarters and put between the Helasto-ring and the corner of the unstable slab.

In terraces that are not exactly multiples of the slab measurements, the row touching the surrounding wall must be cut, or, as in the case of smaller measurements, the free space between the floor and the projecting part can be filled with pebbles. The drainholes are installed at the waterproofing blanket level and furnished with a flat leaf filter.

The joints between the slabs are not to be filled. They should be left free to promote rapid water drainage. For flooring to be installed over heat insulation, the insulating material should have a compressive strength superior to 2 kg/cm².



Description

Concrete terraces cast directly onto waterproofing blanket can cause considerable problems.

During the day the paving, heated by the sun, expands; at night, when the sun's heat ceases, the paving cools and therefore contracts.

This alternating movement, which is concentrated along the expansion joints of the floor, is transmitted then to the underlying waterproofing blanket, damaging it through fatigue.

To eliminate this problem it is necessary to isolate the floor the floor from the waterproofing underneath.

Index has resolved this problem with Helasto-ring, a plastic mounting for square paving slabs in precast concrete.

With Helasto-ring, the pavement does not touch the waterproofing blanket, but is separated from it by a hollow space; in this way, the pavement can expand and contract without damaging the water-tight blanket.

Helasto-ring is simply dry set onto the waterproofing. To install the square paving slabs on the supporting Helasto-rings, it is enough to set the slabs at the four angles of the ring and push them against the spacer; once the first row is measured and set, the successive ones follow as a consequence.



Helasto-ring can be set on multilayer bituminous waterproofing, on bituminous sheathing waterproofing or on synthetic sheet waterproofing.

The floor is completely precast. It is dry set; mortar is not needed. It can be installed in any season. Specialised workmen are not needed. And it is without joints in that they are already included in the storing mounting.

Index® Helasto-ring

The slabs are only resting in place, and in case of repairs to the waterproofing blanket, it is not necessary to damage the floor; it is sufficient to raise a few of the square slabs to carry out the maintenance.

Puddles can no longer form since rainwater runs directly to the drains between the open joints and the square slabs.



Supply

Helsto-ring PC: 771197

Helasto-ring Leveller PC: 771198

Product:	Approx. Height
Index Helasto-ring (Base Unit):	15mm
Index Helasto-ring Leveler (Adjusts height in 3mm Increments):	3mm (max. 4 Levelers per Helasto-ring = 12mm)

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.