

## HC-Mini Omega



**HC Mini-Omega is an expansion joint profile equipped with a continuous load transfer system and with anchors welded to both sides. It is suitable for lightly loaded floors made of concrete or sand/screed.**

### Applications:

In general, the HC Mini-Omega joint profile is used in offices, public spaces, schools, and other buildings with subsequently installed flooring. The product allows movements of the floor transversally and parallel to the joint and separates different construction areas.

It is suitable as day-joint and pouring-stop for all kind of top layers, bonded to or debonded from the subbase, such as for example hollow core slabs and composite slabs.

The profile transfers loads across the joint. The joint and joint spacing must be arranged so that the maximum opening is 10 mm.

Quick-to-install, pre-assembled expansion joint profile with continuous load transfer device.

Steel grade S235JRG2 untreated and hot-dip galvanized, also available in aluminum and stainless steel type 304.

### Installation:

The side-mounted, T-shaped anchors feature a 6.8 mm hole to support and fix the profile. In addition, four of the anchorages per profile have an M8 threaded hole for on-site use of height adjustment screws.

The Omega profiling is eccentric to the overall profile height. When installing the profile, always make sure that the higher vertical section of the profile points upwards.

When pouring, ensure correct compaction of the concrete along the joint edges.

On request, also available with 3 mm thick sheet metal. The profile halves are fastened to each other for transport and assembly either with adhesive tape or plastic screws, which do not need to be removed. The height of the profile is usually chosen to be 10 to 20 mm below the total floor thickness.

Supply length: 2000 mm (+ 5 mm / -10 mm)

Anchoring spacing: 370 mm



### HC-Mini Omega with foam sealing strip:

This special product is equipped with 2 pre-compressed 15 mm high foam sealing strips. It consists of an open-pored sealing strip, type BG1, which is factory pre-assembled and compressed in the profile at the top and bottom. Its purpose is to close the open gap of the joint and to seal it. The tightness is achieved by compressing. An absolute tightness cannot be guaranteed.

Due to the open-pore structure of the strip, concrete can adhere to the surface and restrict its functionality. We therefore recommend protecting the surface of the compression band during casting.