

SINUS 06NC85-5D



Expansion strips are mounted in concrete floor plates to compensate movements in plate sections. Concrete plates are exposed to internal and external pressures. Damage occurs mainly at the edges of plates near to connections. Connection of floor plates should compensate their mutual horizontal movements (perpendicular and parallel to the expansion joint) which are usually caused by thermal expansion and shrinkage of concrete. At the same time the connection must also block vertical movements and mutual curving of floor elements which is a consequence of traffic, heavy loads and uneven passive earth pressure.

Conecto Sinus expansion joints allow for a movement between floor plates:

- dowel size 180x120x8mm ± 15 mm parallel and ± 20 mm perpendicular
- dowel size 180x140x10mm ± 20 mm parallel and ± 30 mm perpendicular

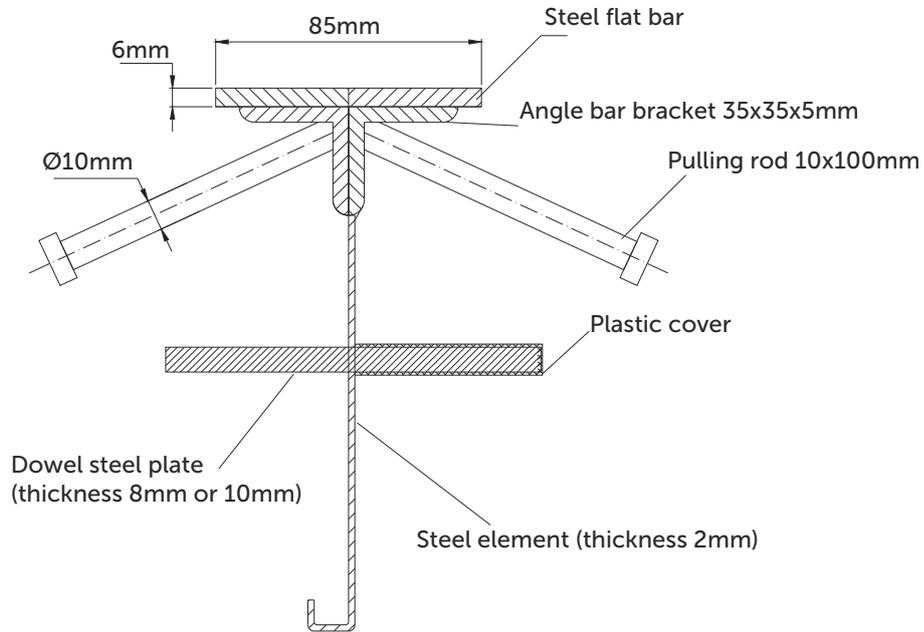
Conecto Sinus expansion joints ensure an even distribution of the loads between floor plates by preventing excessive local tensions. Expansion joints help to eliminate the main reason behind uncontrolled floor cracking, they make the floor last longer and improve use comfort.

The number of expansion joints should allow to divide the floor into regular fields, with a shape similar to a square of up to 1000m², which constitutes a daily flooring efficiency. Joints should be spaced at a distance not greater than 45-45m. The system is complete, easy to install and ready for application, all you should do is place the profiles at the installation site and join them without wrenches, using screws with wing nuts provided in the package.

Conecto Sinus joints guarantee proper resistance in case of permanent high traffic loads.



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Floor height [mm]	Profile height [mm]	Dowel size [mm]	Dowel spacing [mm]	One piece weight [kg]	Max pieces on pallet [pcs]	Palett weight [kg]
110-130	100	180x120x8	600	37.5	48	2000
135-155	125			38.7	48	2050
160-185	155			39.6	48	2100
185-205	175			40.5	48	2150
210-230	200			41.7	42	1950
235-255	225			42.9	42	2000
260-280	250			44.1	36	1800
285-305	275			45.3	36	1850

- ability to perform a profile in any height of 5 mm.
- standard length 3 meters

