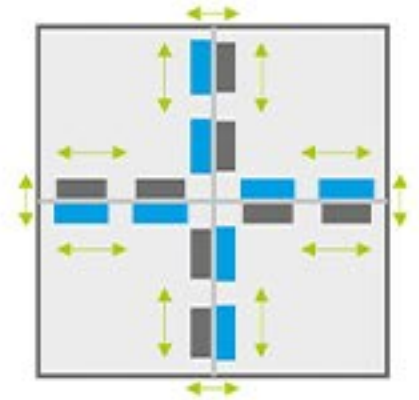


Conecto Dowel system are designed to create expansion joints for industrial. Steel expansion joints with their unique construction constitute a stay-in-place formwork and additionally secure the floor edges at the expansion joint. Conecto Dowel system is a floor expansion joint solution, where an anchoring element is a steel dowel placed in a specifically designed plastic sleeve, which permits free horizontal movement (along and across the expansion joints) and prevents vertical movements between expanded floor plates. Plastic elements are provided with proper reinforcements, which protect them against the deformation caused by the concrete pressure (even when the floor is thick).



Load capacity about expansion joints depending on amount of dowels in one joint [kN/lm] steel S355MC, floor concrete C25/30

Dowel size 180x120x8mm	opening dilatation					
Amount of dowels \ one joint	0	5	10	15	20	25
5D	303	197	136	101	79	65
6D	364	236	163	121	95	78
7D	424	276	190	141	111	91
Dowel size 180x140x10mm	opening dilatation					
Amount of dowels \ one joint	0	5	10	15	20	25
5D	379	267	195	150	120	99
6D	455	321	235	180	144	119
7D	530	374	273	210	168	139

• According to TR34, Edition 4 from 2013