

PLAKA

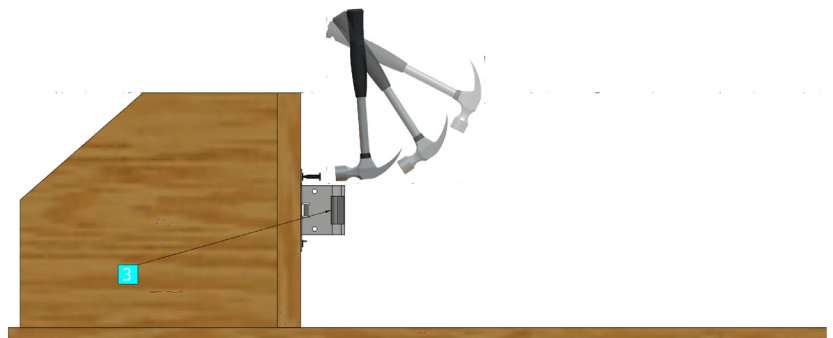
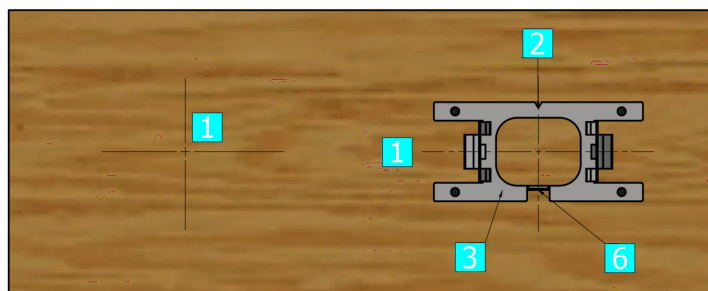
Plaka Titan – Dowel for transferring shear load in expansion joints ATec n° 3.1/15-819_V2

Installation instructions

Step 1

First phase of concreting;
nailing of fastening flange

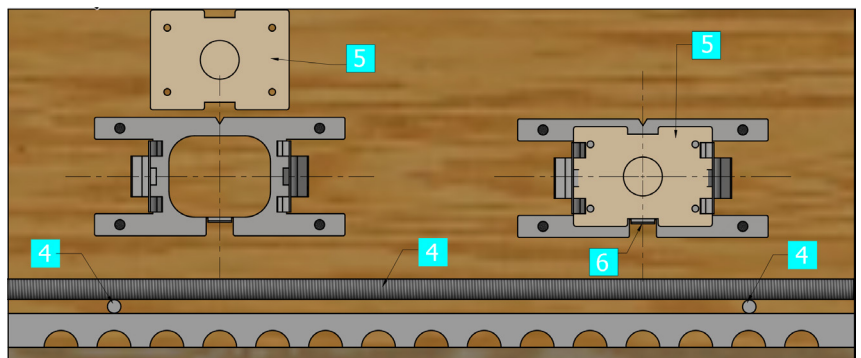
- Level and secure the abutment formwork.
- Mark the axes **1** and nail the flange **3** to the mark **2**; stop **6** facing downwards.



Step 2

First concreting phase ;
installation of sleeves

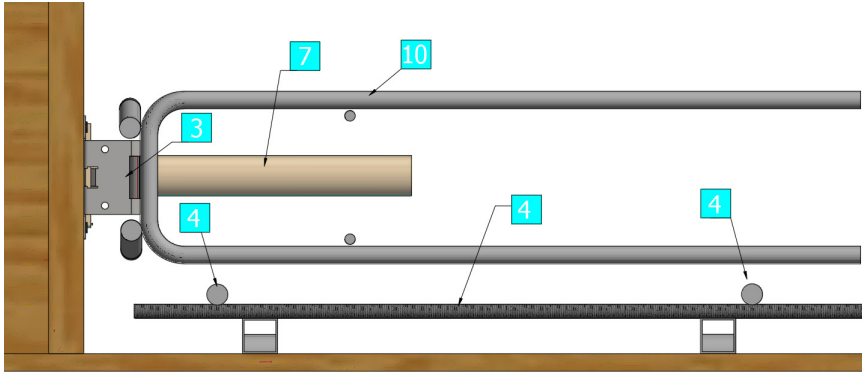
- Lay the lower reinforcement for slab **4**.
- Slide the sleeves **5** without removing the labels, into the flange guides as far as the stop **6**.



Step 3

First concreting phase; installation of TITAN integrated reinforcement on flange – if applicable

- Slide on the TITAN integrated reinforcement **10** and clip it onto the flange **3**.
- The levelness of the sleeve **7** will be checked.
- Install the remaining reinforcement and pour concrete on the sleeve side.



Step 4

Second concreting phase

- Remove the abutment formwork and lay the compressible material **11**.
- If needed, create a perforated section at the bottom of the compressible panel to fit the dimensions of the fire stop seal.
- Lay the lower reinforcement for the slab.
- Insert the TITAN dowel **12** up to the sleeve depth stop.
- If applicable, clip the TITAN integrated reinforcement **10** on the flange **3** equipped with its centring capsule, slide the assembly onto the dowel **12**.
- Install the other recommended reinforcement and, if an integrated TITAN reinforcement is used, tie it to the slab reinforcement before concreting the second phase.
- If necessary, remove the lower portion of the compressible panel after dismantling the formwork to create a recess where the firestop seal will be inserted, following the installation instructions.

