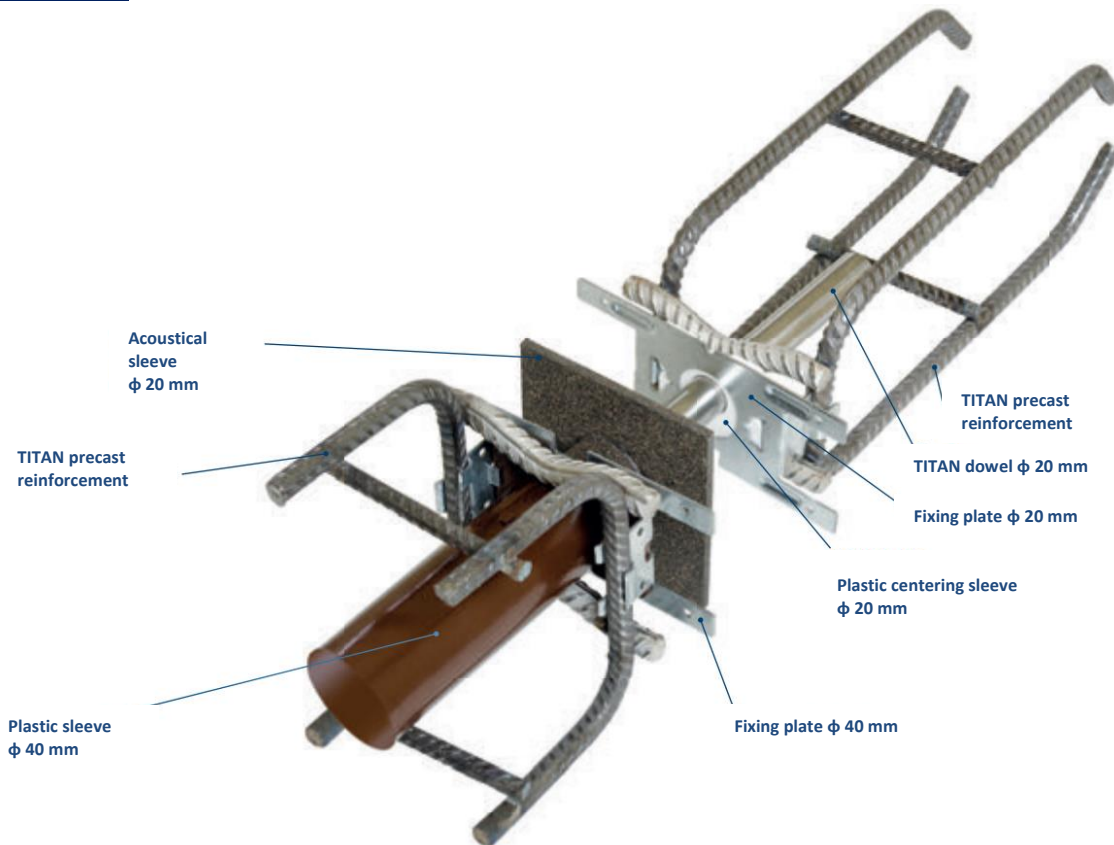


**PLAKA dBREAK – ACOUSTICAL
TITAN DOWELS**

Sliding shear dowel with acoustical insulation
REF 12.02.01 - Version V01 - 26/08/2020



Overview



First concrete pour

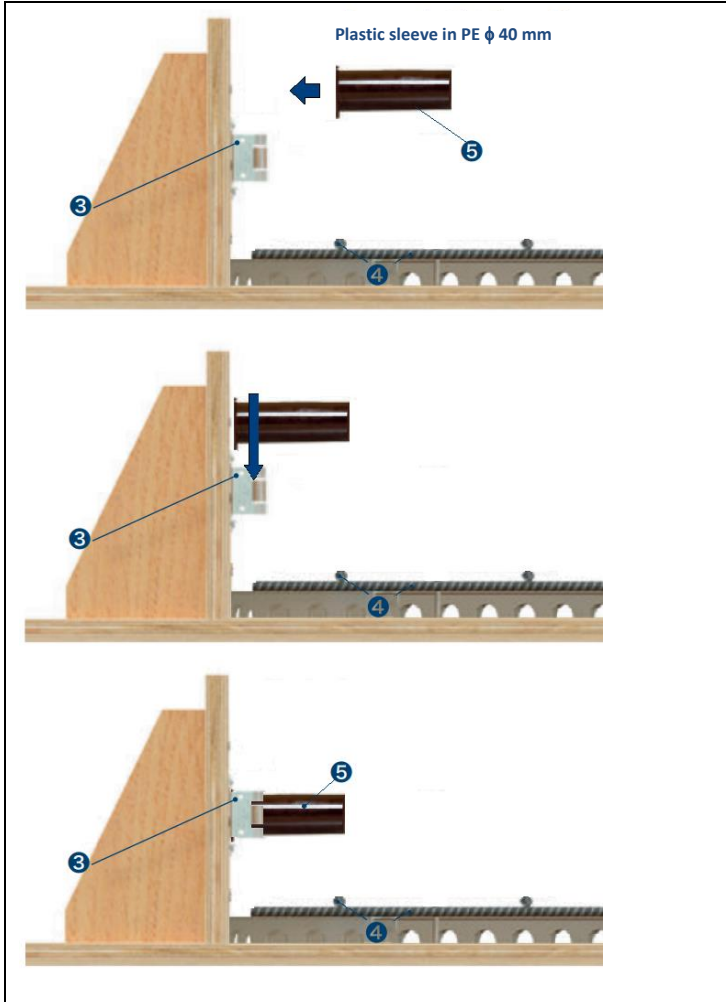
| Step 1 –Nail the fixing plate | |
|--|--|
| | <p>Level and secure the formwork at the right position Trace the axes 1 of the dowels on the formwork Nail the fixing plate 3 following the marks 2, the stop 6 being placed at the bottom of the plate.</p> |
| Step 2 –Placement of the sleeve | |

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**PLAKA dBREAK – ACOUSTICAL
TITAN DOWELS**

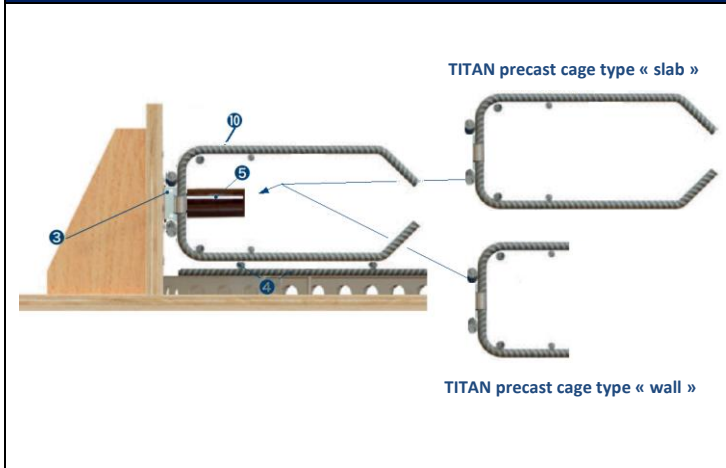
Sliding shear dowel with acoustical insulation
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Place the lower reinforcement layer ④ of the first phase concrete structure

Slide the plastic sleeve ⑤ (without removing the label) into the guide of the fixing plate ③, to the stop ⑥

Step 3 – Clip the TITAN precast cage onto the fixing plate



- Clip the TITAN precast reinforcement ⑩ onto the fixing plate ③.
 - In cases where the first concrete pour is a wall or a beam, the TITAN precast reinforcement type « wall » will suit.
 - In cases where the concrete pour is a slab, the TITAN precast reinforcement type « slab » is required.
- Place the other recommended reinforcement (1st phase)
- Pour the first phase concrete.

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Second concrete pour

Step 4 – Insertion of the acoustical sleeve into the plastic sleeve

Acoustical sleeve in reinforced cork-rubber

- After hardening of the first phase concrete, remove the timber formwork.
- Insert the acoustical sleeve 7 into the plastic sleeve 5

Step 5 – Placement of the dowel and the accessories of the second phase

- Place the insulation panel 11 (filling of the joint)
- Install the lower reinforcement layer at the other side of the joint (second pour)
- Insert the TITAN dowel 12 fully into the acoustical sleeve
- Clip the TITAN precast reinforcement 10 (together with the centering sleeve 14) on the fixing plate 3 and slide the assembly onto the TITAN dowel 12
- Place the other necessary reinforcement bars of the concrete structure
- Secure the TITAN precast cage to the reinforcement bars and pour the second phase concrete