# **JACKODUR®** JDS insulation shuttering





Installation instructions

#### **General information**

The basic requirement for energy saving in buildings is thermal bridge free construction. Using JACKODUR® JDS insulation shuttering considerably increases the thermal insulation of a building, i.e. interior surface temperatures become even, leading to a comfortable indoor climate.

#### Slab edge shuttering with JACKODUR® JDS

JACKODUR<sup>®</sup> insulation shuttering can be bonded directly to the masonry. Where the insulation shuttering height is  $\ge 200$ mm, this is additionally tied back into the reinforcement at the upper end using JACKODUR<sup>®</sup> shuttering claws. The spike on the shuttering claw is pressed into the insulation shuttering and fixed to the reinforcement with the aid of tie wires. The spacing of the shuttering claws should not exceed 80 cm. The choice of adhesive to fix the JACKODUR<sup>®</sup> insulation shuttering depends on the substrate.

### Slab edge shuttering with JACKODUR® JDS



- ① Facing masonry
- ② Core insulation JACKODUR<sup>®</sup>
- ③ JACKODUR<sup>®</sup> JDS insulation shuttering
- ④ Reinforced concrete floor
- ⑤ Masonry



#### Fixing options for JACKODUR® insulation shuttering

Substrate	Type of fastening
Brickwork	Expanding foam, ordinary mortar, thin-bed mortar
Aerated concrete	JACKODUR® assembly adhesive, thin-bed mortar
Sand-lime brick	JACKODUR® assembly adhesive, thin-bed mortar
Concrete	JACKODUR® assembly adhesive or lay directly into fresh concrete

Please note that with JACKODUR<sup>®</sup> insulation shuttering, 35 mm thickness, the foot is 70 mm wide and with the JDS insulation shuttering, thickness 50/60 mm, there is a foot width of 100 mm. The reduced supporting width of the concrete should be taken into account if necessary.

## Insulation shuttering for concrete ring beams or peripheral tie beam

JACKODUR<sup>®</sup> insulating shuttering can also be used as a shuttering element for a concrete ring beam or peripheral tie beam. Two insulating shuttering elements opposite each other are bonded to the masonry in the process. After the reinforcement has been installed, the upper ends of the insulating shuttering elements are secured against lateral bulging using JACKODUR<sup>®</sup> shuttering claws. JACKODUR<sup>®</sup> shuttering claws are adjustable and can be adjusted to wall thicknesses of 24, 30 or 36.5 cm.



Photo: Concrete ring beam or peripheral tie beam with JDS insulating shuttering





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#### Please note

The information provided in this leaflet is based on our knowledge and experience to date. It does not constitute a guarantee in any legal sense. When using this product, please always bear in mind the circumstances of the particular intended application, especially with regard to physical, technical and legal construction issues.