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T RIO

The panel formwork with the BFD coupler system





Filler timber





Tips for trouble-free progress

- Spray formwork on all sides with PERI BIO Clean before every use.
- Spray back of formwork with water immediately after concreting to reduce the cleaning work.
- Always start at a corner or difficult area. Pay attention to the wall thickness. See corners.
- Only use the required number of ties. Unused tie holes must be sealed with plugs ø 20/24, item no 030300.
- More information can be found in the TRIO Assembly Instructions.

Without exception, current safety regulations must be observed in those countries where our products are used.

> Since production began, TRIO has always fulfilled the highest requirements regarding the formwork evenness.



For standard element joints On external corners With filler timber up to 100 mm For timber extensions

6. T-junctions **Basic rules for T-Junctions** Wall thicknesses 180 - 400 mm and 600 mm

External formwork: with panel TR 90 Internal formwork: with TRIO Corner TE

Adapting to wall thicknesses using wall thickness compensation WDA 5, WDA 6 or timber infills.















1. Standard Panel Connections



TRIO shaft panel TSE in a raised When striking, lever crowbar For rectangular shafts, shorten the chains on the longitudinal position. upwards. sides – this ensures that all shaft elements are evenly loaded.

Tie details

33 30 → ↓ ↓ ↓ ↓

Articulated Corn TGE 120 Item no. 023300

Internal formwork:

4 BFD couplers

corners



2.70 m steel elements have been certified according to GSV guidelines (German Formwork Association). 81 kN/m² uniform area load, DIN 18202, Table 3, Line 6. 67.5 kN/m² triangular load, DIN 18202, Table 3, Line 7. Permissible fresh concrete pressure for aluminium elements 60 kN/m² uniform area load, DIN 18202, Table 3, Line 7. **60 kN/m²** h = 2.70 m, DIN 18202, Table 3, Line 6.

Test report available on request.

4. Oblique Angles

TRIO articulated corner TGE – for internal and external corners alike.

Articulated

Corner TGE 270

ltem no. 023200

with TR 60 or TR 30 panels and articulated with multi-panel TRM 72 and articulated corners Internal element connection:

External formwork:







2. Length Adjustment

BFD alignment

Simple and fast solution. With timber, or timber and formlining, and BFD alignment coupler up to 100 mm.

Cost-effective solution. With filler plates from 60 – 360 mm. LA 270, Item no. 023170 TPP, Alu 270, Item no. 101813 LA 120, Item no. 023270

Filler plate LA

6 - 300

_TAR 85

With elements for walls and columns Optimal visible surface solution. With formlining and filler support. TPP, Alu 120, Item no. 101823

Filler support TPP

max. 360

Formlining



TRIO Column





For square or rectangular columns up to 750 x 750 mm.

Ready-to-use 5.40 m high TRIO column







Edition 02/2008



TRIO Panel Formwork

Poster





Edition 02/2008

PERI Product Range





Column Formwork Square Rectangular Circular



Climbing Systems Climbing Scaffold Self-Climbing System Climbing Protection Panel Platform Systems

Scaffold, Stairways,

Working Platforms

Facade Scaffold

Working Platform Weather Protection Roof Stairway Access



Slab Formwork Panel Formwork Beam Grid Formwork Girder Formwork Slab Table Beam Formwork



Bridge and Tunnel Formwork

Cantilevered Parapet Carriage Cantilevered Parapet Platform Engineer's Construction Kit



Shoring Systems Steel Slab Props Aluminium Slab Props Tower Systems Heavy-Duty Props



Services Formwork Assembly Cleaning / Repairs Formwork Planning

Formwork Planning Software Statics Special Constructions

Additional Systems Plywood Formwork Girders Stopend Systems Pallets Transportation Containers

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