



Increased efficiency with optimized team capacity

Infrastructure buildings, Pilbara Region, WA

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With the help of the eco-friendly lightweight DUO formwork, reinforced concrete walls, strip footings and ground slabs could be monolithically concreted in 1.5 day cycles.

The formwork solutions developed by PERI's Australia Engineers helped the contractor meet the project requirements as restricted access, limited crane access and strict deadlines which were obstacles for the client.

Monford Group utilised the PERI DUO for various tasks within the scope of this largescale infrastructure projects in the Pilbara Region of Western Australia. DUO is used for the construction of drive in sump walls, drain walls, base slabs and also was used as edge protection to prevent falls from heights around a suspended slab 5.2m high.

A great advantage of the system for these applications is the low weight, making both crane and scaffolding unnecessary.

Due to the simple assembly logic of the system, even less experienced users were quickly able to carry out forming operations with DUO. Therefore, the skilled formwork carpenters of Monford Group can focus on those areas where more complex forms have to be formed by hand. The combination of the points stated resulted in further cost savings for the client during the construction of this project.

Press Release

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Image 1

DUO standard panels are used where possible; The inclined conventional formwork was generated by skilled formwork carpenters on site. (Photo: PERI)

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Image 2

Push-pull props and kickers are mounted in order to align the formwork as well as providing stability and resistance against wind loads. (Photo: PERI)



Image 3

DUO Brackets and guardrail posts together with supplementary timber construction are used to build safe working platforms and access. (Photo: PERI)



Image 4

DUO is particularly suitable for small-sized applications in civil engineering where only Class 3 Finish is required. (Photo: PERI)

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Image 5

DUO's versatility was used as edge protection to prevent falls from heights on a suspended slab with a working height of 5.2m.

It is light weight made erecting safe and fast.

(Photo: PERI)

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