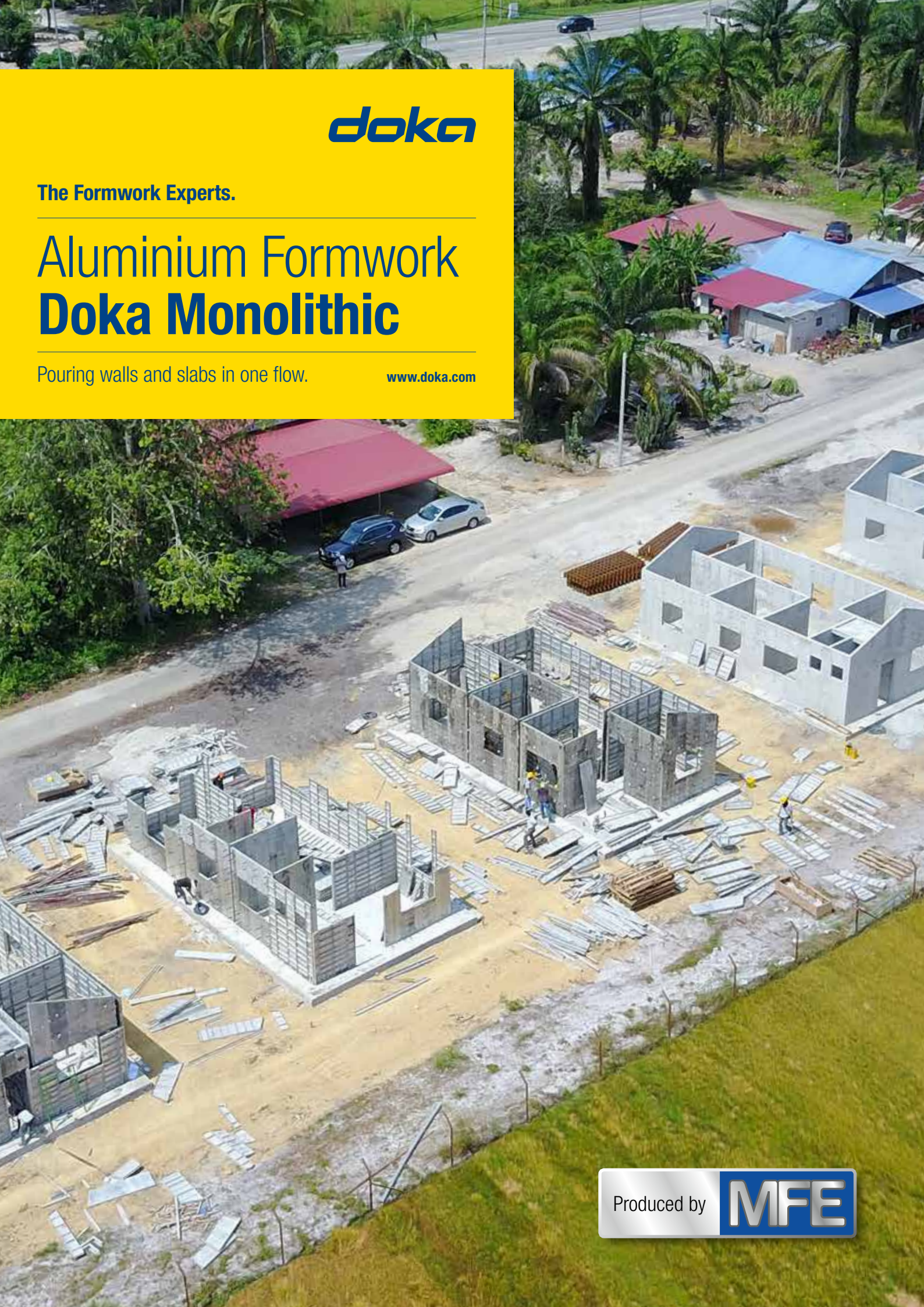


doka

The Formwork Experts.

Aluminium Formwork
Doka Monolithic

Pouring walls and slabs in one flow.

www.doka.com

Produced by MFE

Aluminium System Formwork Doka Monolithic produced by MFE

MFE offers a revolutionary aluminium formwork construction system which has been developed and successfully used around the world to form cast-in-place reinforced concrete structures.

Fast construction times and high quality concrete finishes

Using MFE aluminum formwork, all structural building components can be cast in concrete in a single operation that dramatically reduces construction times and results in an extremely strong and high quality concrete structure. The formwork is custom designed and made-to-measure for each project and is able to monolithically form all components at the same time including

- Walls
- Floor slabs
- Columns and Beams
- Stairs
- Balconies
- Door and window openings are also incorporated

The resulting structure is extremely strong, highly accurate, and achieves a high quality surface finish with only minimum “skim coat” required for final surface finishing. Using the system, our customers are able to dramatically increase the speed of construction with high-rise buildings constructed at a rate of 4-5 days per floor and landed properties constructed at a rate of one house per day using a single set of forms. MFE aluminium formwork systems can be operated by trained nonskilled workers and requires no specialist tools or equipment.

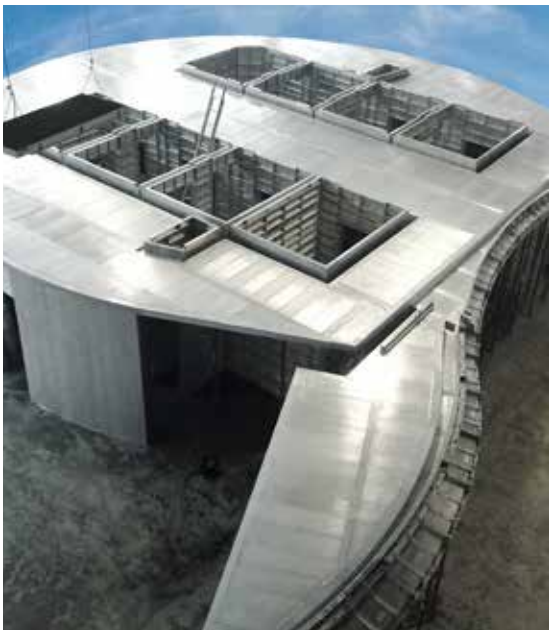
MFE aluminium formwork panels are adaptable for a number of concrete forming requirements

MFE formwork is easily adapted to all types of concrete forming requirements, from office towers, hotels and up-market high-rise condominiums, to single and double story homes and affordable housing projects.

▲ Build smart - Doka Aluminum Formwork System produced by MFE allows highly cost-effective forming achieved by an adaptive and logical system concept

▲ Doka Aluminum Formwork System produced by MFE is a high-performing formwork designed to cast walls and foor-slabs quickly in a single pour

▲ Thanks to test assembly we can ervery time ensure the correct setup of the system - especially for special areas like as staircases, special shaped walls, etc.



▲ Exact adaption to to project specific requirements eliminates adjustment work on site and speeds up forming time

Your benefits of using aluminium system formwork.

MFE aluminium system formwork is very simple to use, reduces your cycle times and saves costs.

Simple to use

Can be assembled with non-skilled labour with simple training and no special tools required

Short cycle times

Typical cycle times of 1 floor every 4-5 days or 1 single story house a day are achieved with MFE Formwork solutions.

Cost savings

Substantial direct and indirect building cost reduction is achieved with MFE aluminium formwork solutions.

Lightweight

Average weight is only 23-25 Kg m^2 so no heavy lifting or cranes are required.

Reusable

MFE Formwork can be used 300-500 times so ROI is maximised with multiple projects.

Full recyclable

Aluminium formwork is 100 % recyclable at the end of its useability.

Reduces site rubbish

Constant reuse keeps the construction site clean, safe and tidy and reduces cost of site clearing.

Design flexibility

MFE design team highly experienced in designing formwork solutions for multiple types of building and applications.

Accuracy by design

Hignly accurate building dimensions and high quality finish minimises costly remedial works.

Finish quality

Achieves a high quality finish after removal with only minimum "skim" coat required and no heavy plastering or extensive finishing needed.

Low carbon emissions

Countries starting to stipulate the wooden formwork cannot be used as formwork must be reusable.

References

▲ 150 Mid-range linked townhouses in the Shah Alam area in Kuala Lumpur

▲ Multi generational and harmonious residential sanctuary, where a cycle time target of 5 days per floor was achieved due to the formwork solution.

▲ Cameroon Highlands, Summer Square comprising ground floor and 4 storey low rise apartment buildings with retail at ground level. Retail units cast first and apartment floors completed at a rate of one floor every 5 days.

▲ The Cayan Tower, a luxury apartment building with a striking helical shape, turning 90 degrees over the course of its height.

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