

INDUSTRIALISED CONSTRUCTION - INTEWALL



LEAD & GROW
2030

DIGITAL KITS-OF-PARTS AND COMPONENT-BASED DESIGN

OPENING A NEW CHAPTER TO ACCELERATE PROFITABLE GROWTH



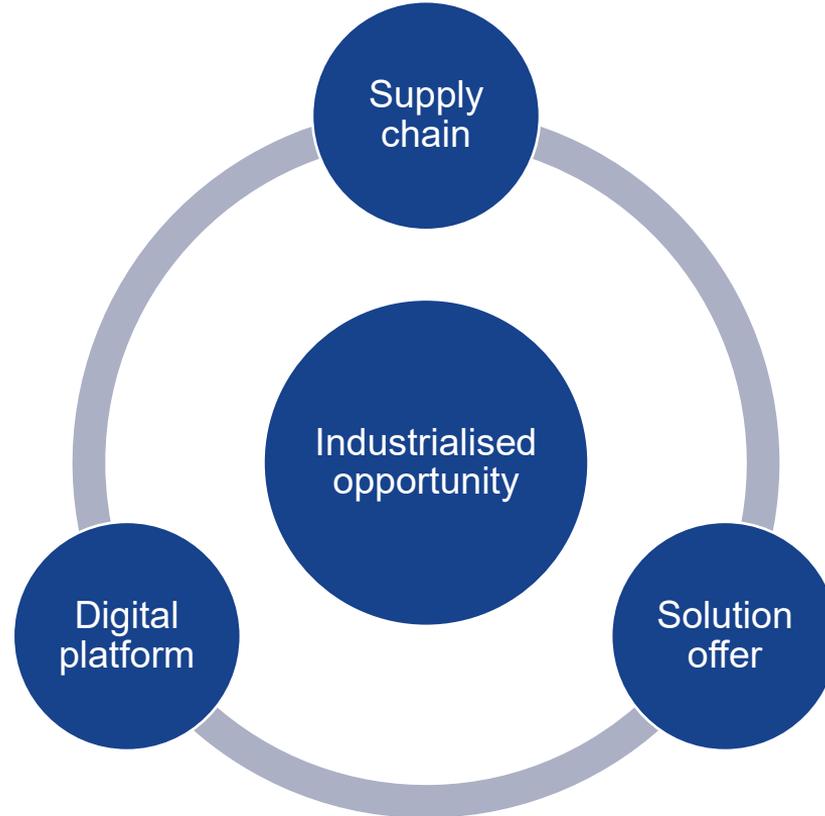
**MAKING
THE WORLD
A BETTER
HOME**



**THE WORLDWIDE
LEADER IN LIGHT &
SUSTAINABLE
CONSTRUCTION**



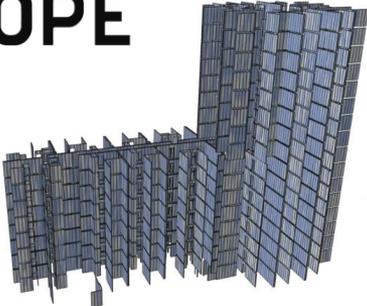
THREE KEY ENABLING PILLARS FOR INDUSTRIALISED CONSTRUCTION:

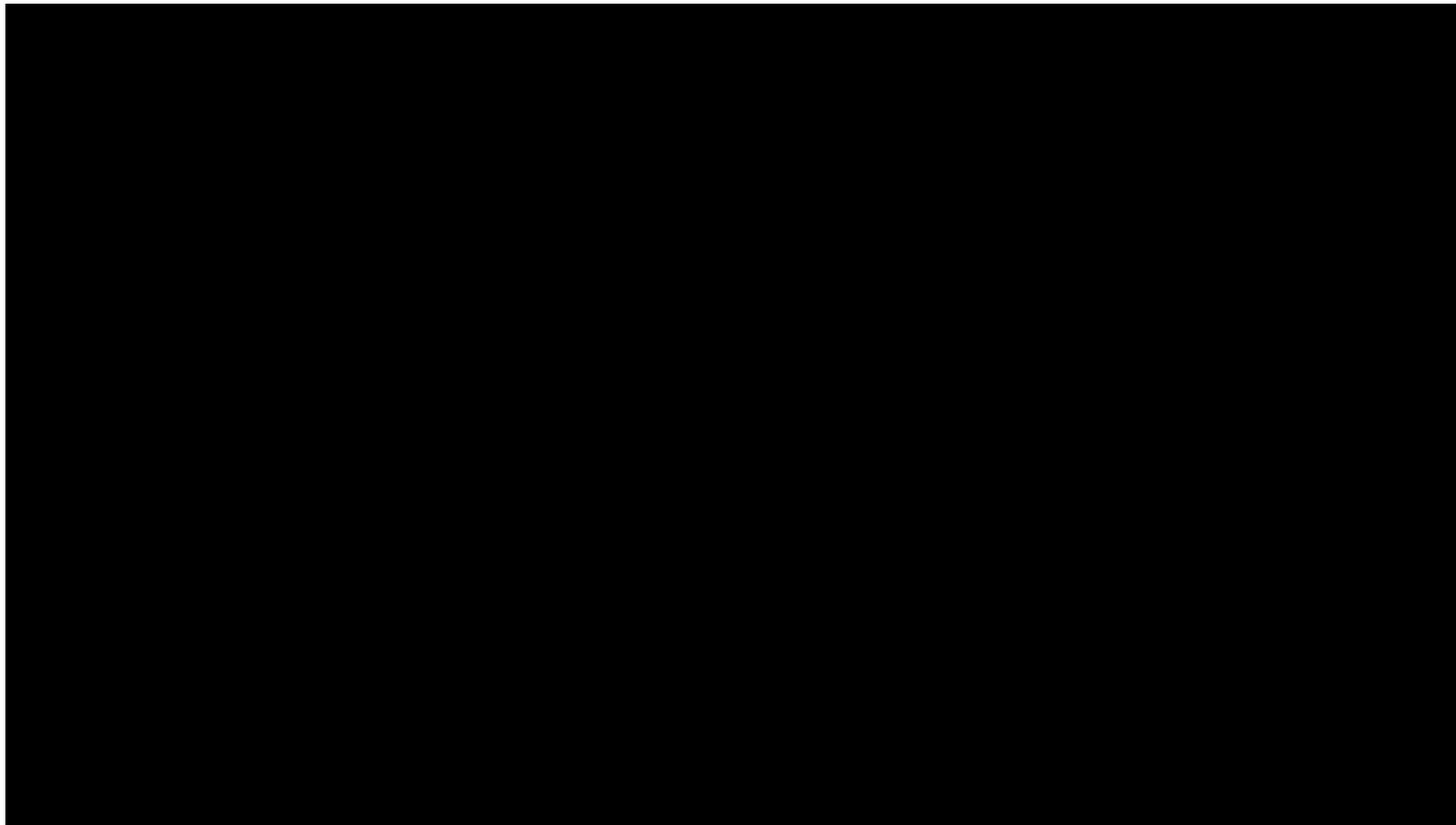


INTEWALL – A PILOT FOR INDUSTRIALISED SOLUTIONS DELIVERY:



 **KOPE**





CASE STUDY:

Internal Wall System

[See more](#)

Element set Internal Partitions

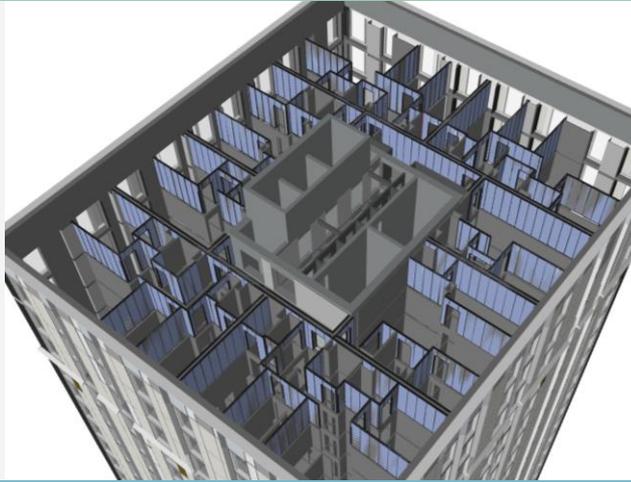
Standard panels	217
Custom panels	163
Standardisation	57.11 %
Panels placed	380
Panel types	77
Non buildable panels placed	7
Material used cost	0

Party Walls

[See more](#)

Element set Party Walls

Standard panels	280
Custom panels	29
Standardisation	90.61 %
Panels placed	309
Panel types	29
Non buildable panels placed	0
Material used cost	0



SUSTAINABILITY:

92% reduction in on site waste compared to traditional drylining

65% reduction in time to install on site compared to traditional drylining

Eliminates on site packaging waste with re-usable steel stillages

OVERALL BUILDING:

20,126 panels placed
13,187 standard panels

DEVELOPING SOLUTIONS TO MEET CHANGING MARKET



SUSTAINABILITY

Sustainability and the de-carbonisation of buildings. Transparent evidence and data to deliver solutions that help them meet scope 3 targets focussing on waste reduction and circularity.



CHANGING DEMOGRAPHICS

Changing workforce demographics – ageing workforce and labour shortages. Innovative solutions that increase productivity and quality improvement.



FUTURE PROOFING

Future requirements in Building Design and Design for Wellbeing. Innovative solutions that meet the current and future performance needs of specific buildings.

DEVELOPING SOLUTIONS TO MEET CHANGING MARKET



SOLUTION OWNERSHIP

Own interfaces between systems and trades – fire safe and thermally efficient buildings.



EVIDENCE BASED

Increasing need for confidence and certainty backed up by evidence as Regulatory framework is tightening. Ability to supply guidance, evidence and onsite support – that replicate real world.



DIGITAL CONSTRUCTION

Development and use of Digital Construction capabilities to support Golden Thread. Easy access to, and provision of technical information and data.

INTELLIGENT DRYLINING

with

InteWall

FROM VERIFICATION TO SPECIFICATION



Be Seen

Gain credibility with a Verified profile, putting your business in front of contractors and clients actively sourcing solutions.

Integrate Your Product into Projects

Use the KOPE Configurator to rapidly and accurately translate design models into your manufactured components.

Influence Design Decisions

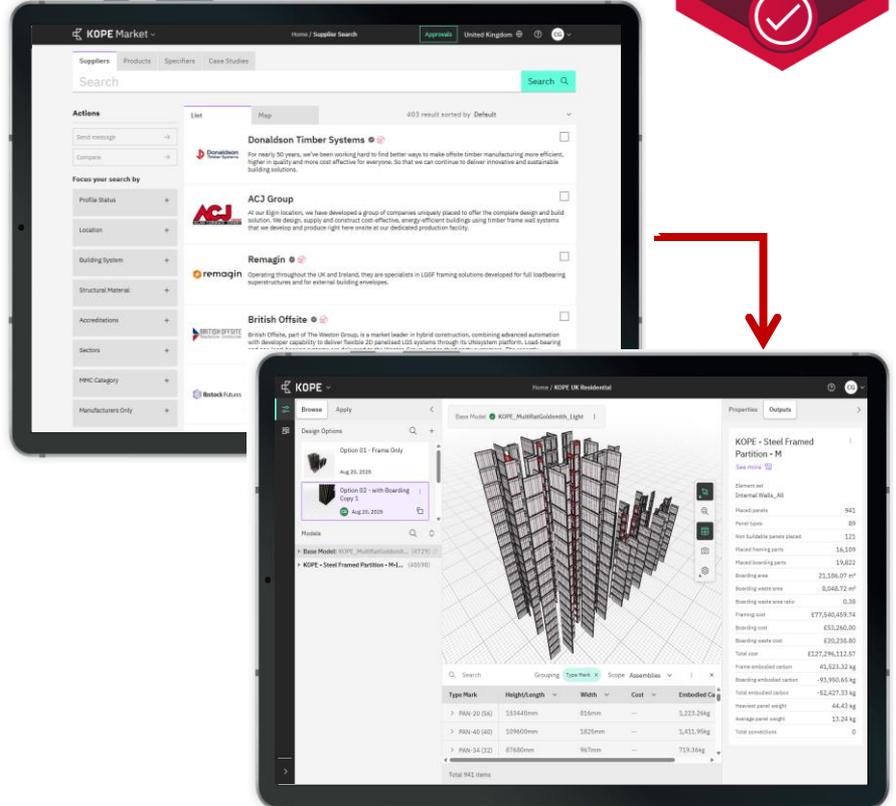
Engage early to shape specifications around your manufacturing strengths and drive standardisation.

Win More Work

Strengthen your bids with precise quantity schedules and compliant proposals that prove your competitive advantage.

Connect to Fabrication

Bridge the gap between design and the factory floor with fabrication-ready outputs that reduce errors and speed up production.

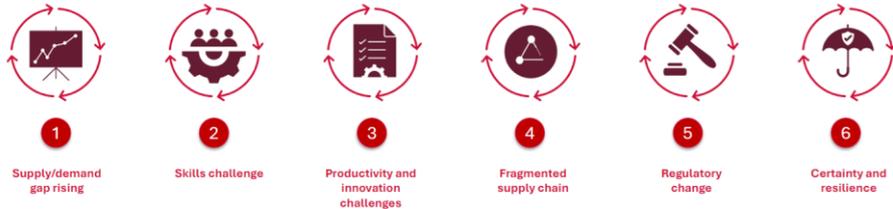


Type	Mk	Height/Length	Width	Cost	Embedded Gt
PAN-20	(34)	25340mm	825mm	---	1,223,294kg
PAN-40	(40)	50960mm	1825mm	---	1,411,95kg
PAN-34	(22)	87680mm	967mm	---	719,36kg

Total 942 items

SUMMARY:

- Addressing industry drivers
- Creating scale and standardisation needed for Industrial efficiency
- Value focused
- Building level not product supply focus
- Ability to accurately forecast demand and assign Capex accordingly
- Data enabling
- Circular Economy enabling





MANUFACTURING INTEWALL

PRODUCTION PROCESS



STILLAGE DEVELOPMENT



JIG DEVELOPMENT



SEMI-AUTOMATED PRODUCTION PROCESS

