

# METALSPAN®

FORMING SAFE SPACES

## GREEN & SAFE

**RAIN  
SCREEN  
FAÇADES**

[metalspan.co.uk](http://metalspan.co.uk)

**M-SPAN  
BETTER-FIX  
SYSTEM**

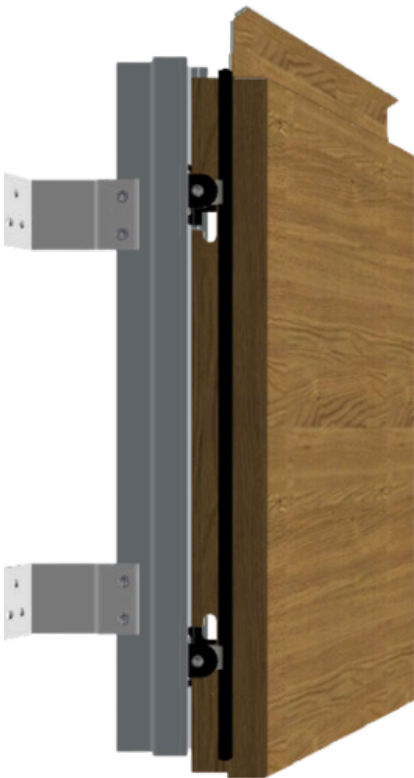




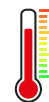
**REDUCING  
EMBODIED  
CARBON WITH  
66%  
LESS  
ALUMINIUM**

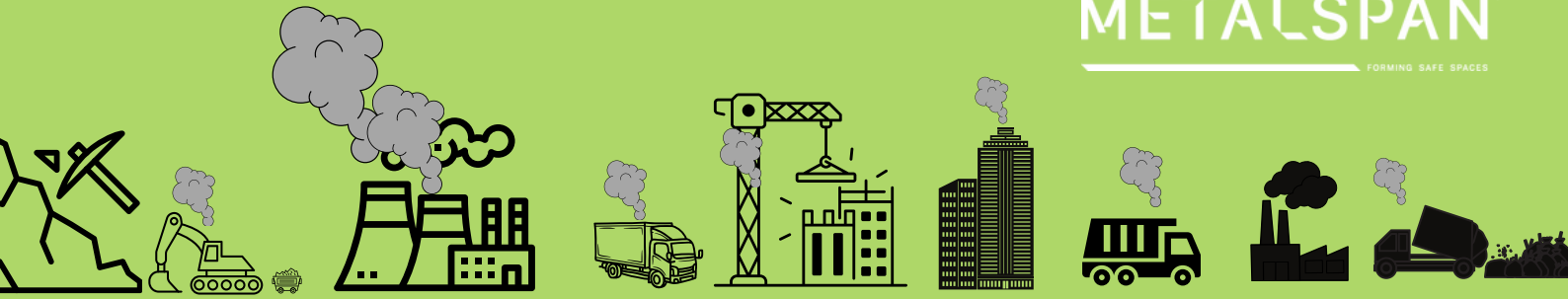
**Rear Ventilated Rainscreen Cladding  
with A1 Non-Combustible MCM**

**A Green & Safe  
Best Technology**



- Reaction to fire Test certificate EN 13501-1 Euro Class - A1
- CWCT UK tested & passed
- NFPA 285 - Large scale System Test USA - Passed
- EPD - Report A1 - A3 GWP: 4.42Kg CO2 eq
- Dubai Civil Defence Approved
- SIT Temperature 750 Degree Celsius





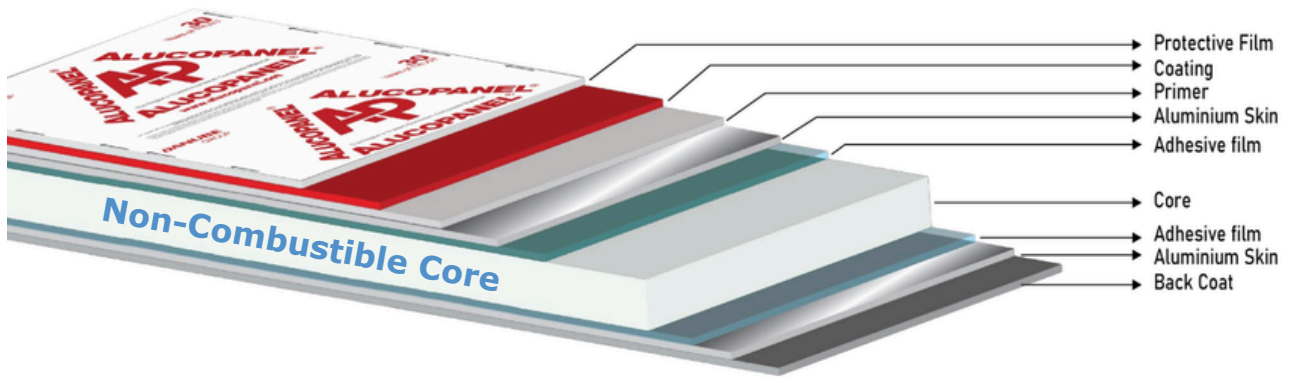
# Rear Ventilated Rainscreen Cladding with A1 Non-Combustible MCM A Green & Safe technology

METALSPAN® specialises on green & safe Rainscreen cladding systems manufactured to maximise fire safety and aims to decarbonise by reducing the carbon footprint of the construction industry with our A1 MCM material and latest technology, which reduces Aluminium consumption by 66% compared to regular 3mm solid aluminium cladding. Driven by our ethical business values at METALSPAN, we have developed METALSPAN® by ALUCOPANEL METAL Composite Material (MCM) that has achieved Euro-class A1 standard (Non-combustible) according to BS EN 13501-1 reaction to fire test, and our M-SPAN BetterFIX Rainscreen Cladding systems have been designed and engineered to improve rear ventilation and improve safety. Our M-SPAN BetterFIX M03 system has been tested to CWCT UK Rainscreen Cladding Test and passed. METALSPAN by ALUCOPANEL offers the market with an A1 MCM non-combustible cladding material, which is the result of our constant research into the safety and performance of building façade materials with knowledge gained over two decades through the building façade industry in the UK, Europe, Middle East, and Asia.



**EURO CLASS A1 MCM  
with 100% inorganic  
Non-Combustible Core**

**No Smoke  
Propagation & No  
droplets**



## A1 - A3 GWP: 4.42Kg CO2 eq

The scope: Cradle to grave

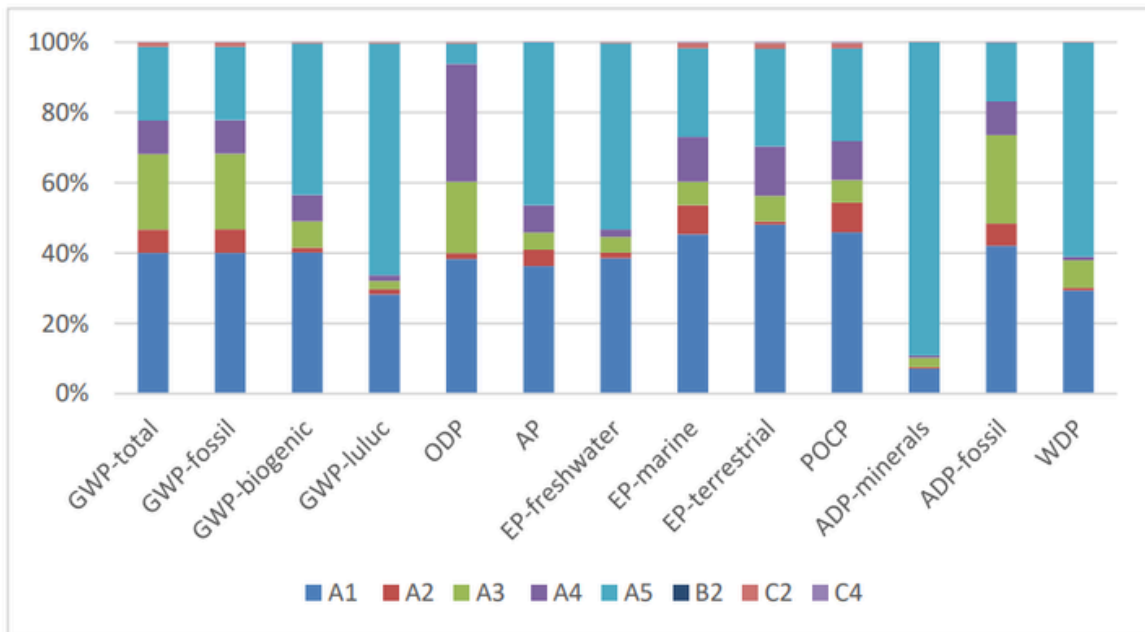


Figure 3. Contribution analysis for the Alucopanel® A1 products.

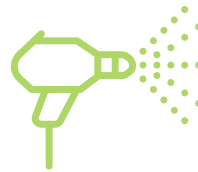


METALSPAN® by ALUCOPANEL is produced by ALUCOPANEL ME, established over 14 years ago in the UAE. It has two production lines for MCM with an annual capacity of 2.5 million SQM and an in-house PVDF coating capacity of 10,000 SQM per day. ALUCOPANEL is a subsidiary of Danube, a diversified UAE group with 30 years of presence, \$1.4 billion revenue, and 2,500 employees.

**ALUCOPANEL®**  
DANUBE  
GROUP



**Production capacity:  
2.5 million SQM annual  
production capacity**



**Product Coating:  
in-house PVDF coating for perfect  
colour matching with world's best  
standards and 150 year old  
Beckers brand.**

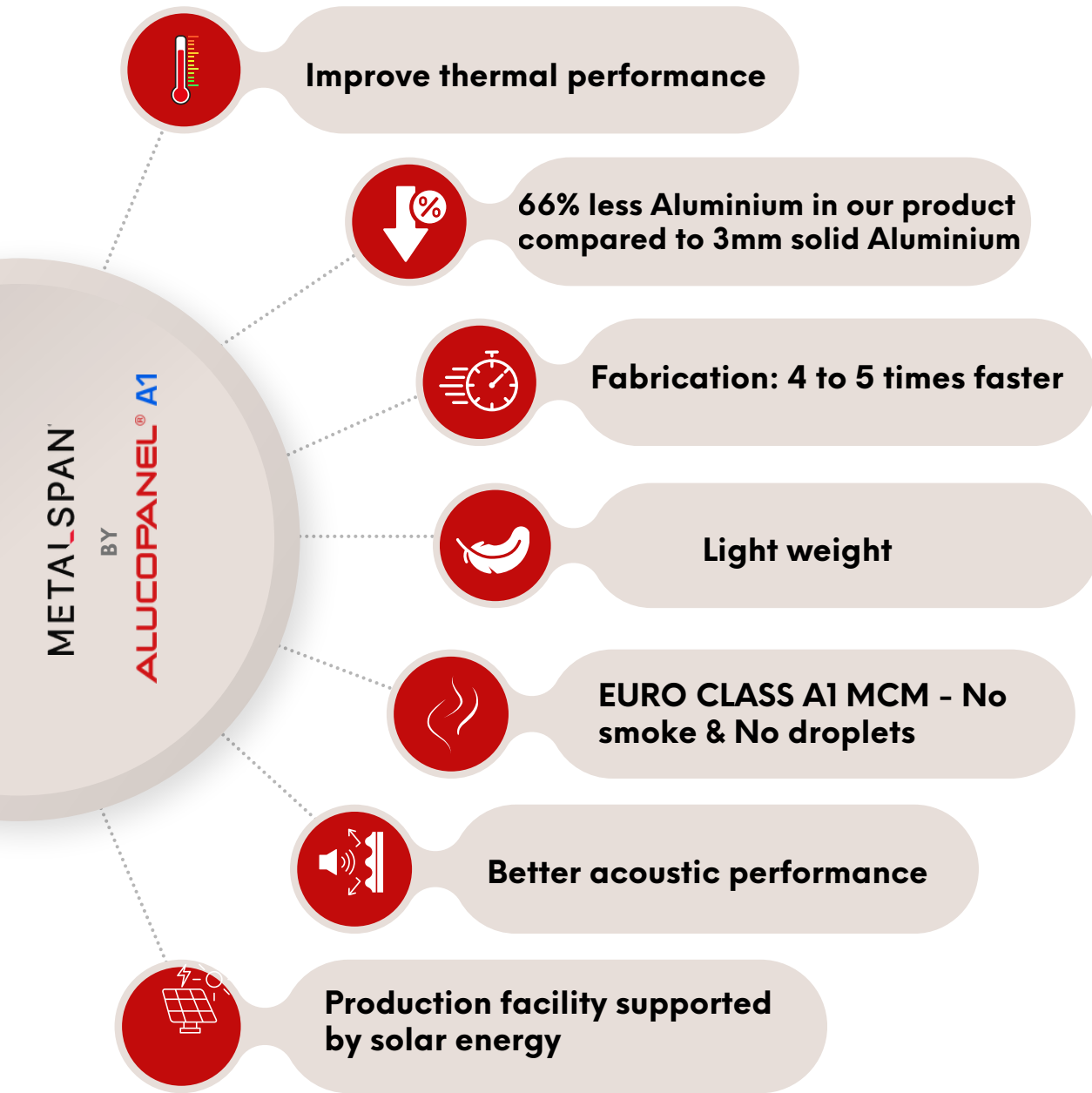


**Track Record:  
Over 1 million Square metres  
of A2 MCM material installed  
including hundreds of high-  
rise buildings**



**NBS Source**  
PARTNER





## M-SPAN RAINSCREEN CLADDING SYSTEM

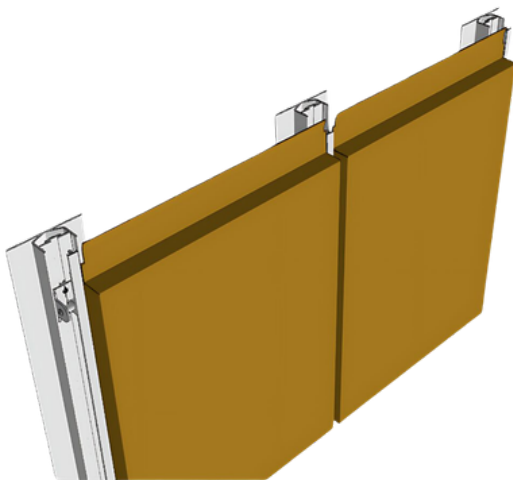
METALSPAN® system has been designed and engineered to have a secret fixed A1 MCM panel to create a better rear ventilated Rainscreen façade panel with individually ventilated panels. Our system has been tested to UK CWCT Rainscreen Cladding system test and have passed.

METALSPAN® system allows removal or re-fit for any panels on the façade without removing any adjacent panels. Our specially designed panels helps to build a pressure equalised back ventilated façade while keeping the rain away.

### M-SPAN BETTERFIX M03 RAINSCREEN FAÇADE SYSTEM

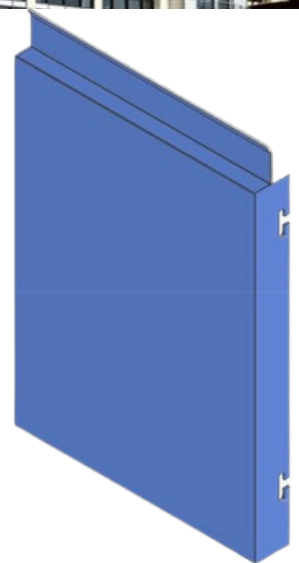


**Chelsea bridge Apartment**  
M-SPAN BetterFIX M03 profile used



**M-SPAN BetterFIX M03 system is designed for multi-directional panel installation with Z-profile and uninterrupted panel access on façade. Comes with movable carriers on the mullion and beads to cover the shadow gap**

**METALSPAN® Panel designed for M-SPAN Rainscreen Cladding system**



**SAY NO TO FIRE SPREAD**



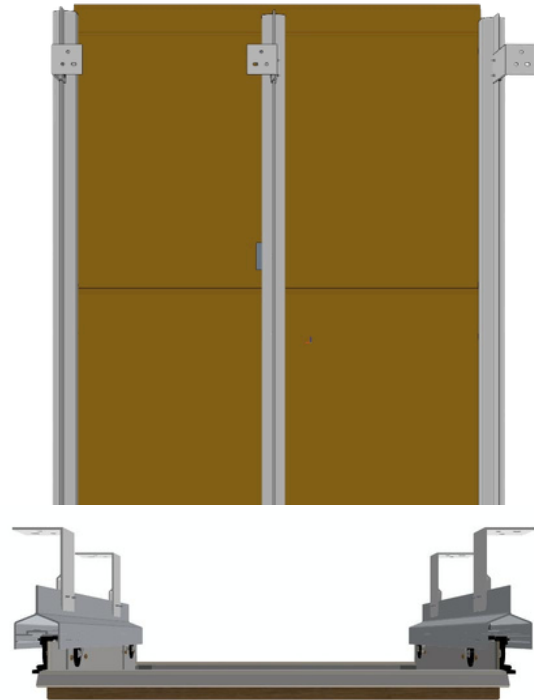
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## M-SPAN BETTERFIX M01 RAINSCREEN FAÇADE SYSTEM



**West Ham stadium London**  
M-SPAN BetterFIX M01 profile used

### M-SPAN M01 BetterFIX Rainscreen Cladding System



METALSPAN® BetterFix-M01 system comes with helping hand brackets, movable carriers on the mullion, beads to cover the shadow gap. This system is designed to provide uninterrupted access to any panel on the façade and improve rear ventilation

**SAY NO TO FIRE SPREAD**



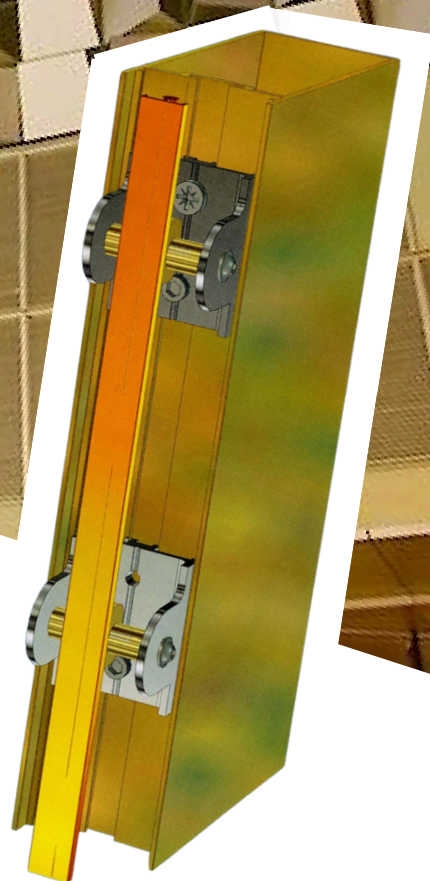
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## M-SPAN BETTERFIX M10

RAINSCREEN FAÇADE SYSTEM

CHEESE GRATER CAR PARK, SHEFFIELD UK

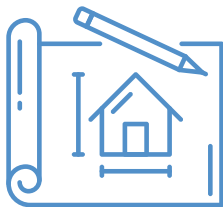
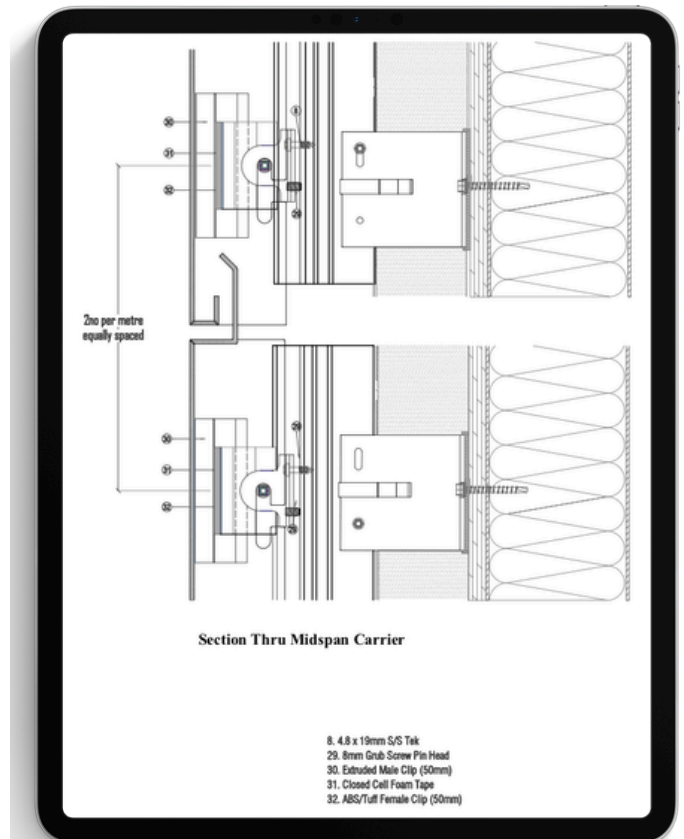
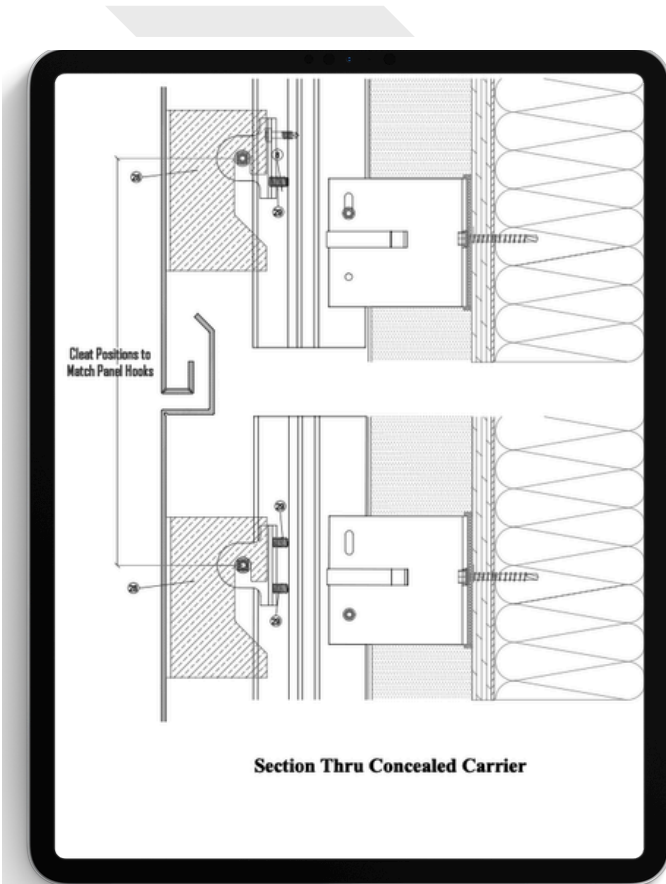
An advanced system with mullions designed to suit floor to floor fixing (4 m) without any intermediate helping Hand brackets



SAY NO TO FIRE SPREAD



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**REFER TO OUR SYSTEM  
BROCHURE FOR FULL DETAILS OF  
OUR SYSTEMS**

## M-SPAN BetterFIX Rainscreen Cladding System

**SAY NO TO FIRE SPREAD**



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# FORMING SAFE SPACES



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