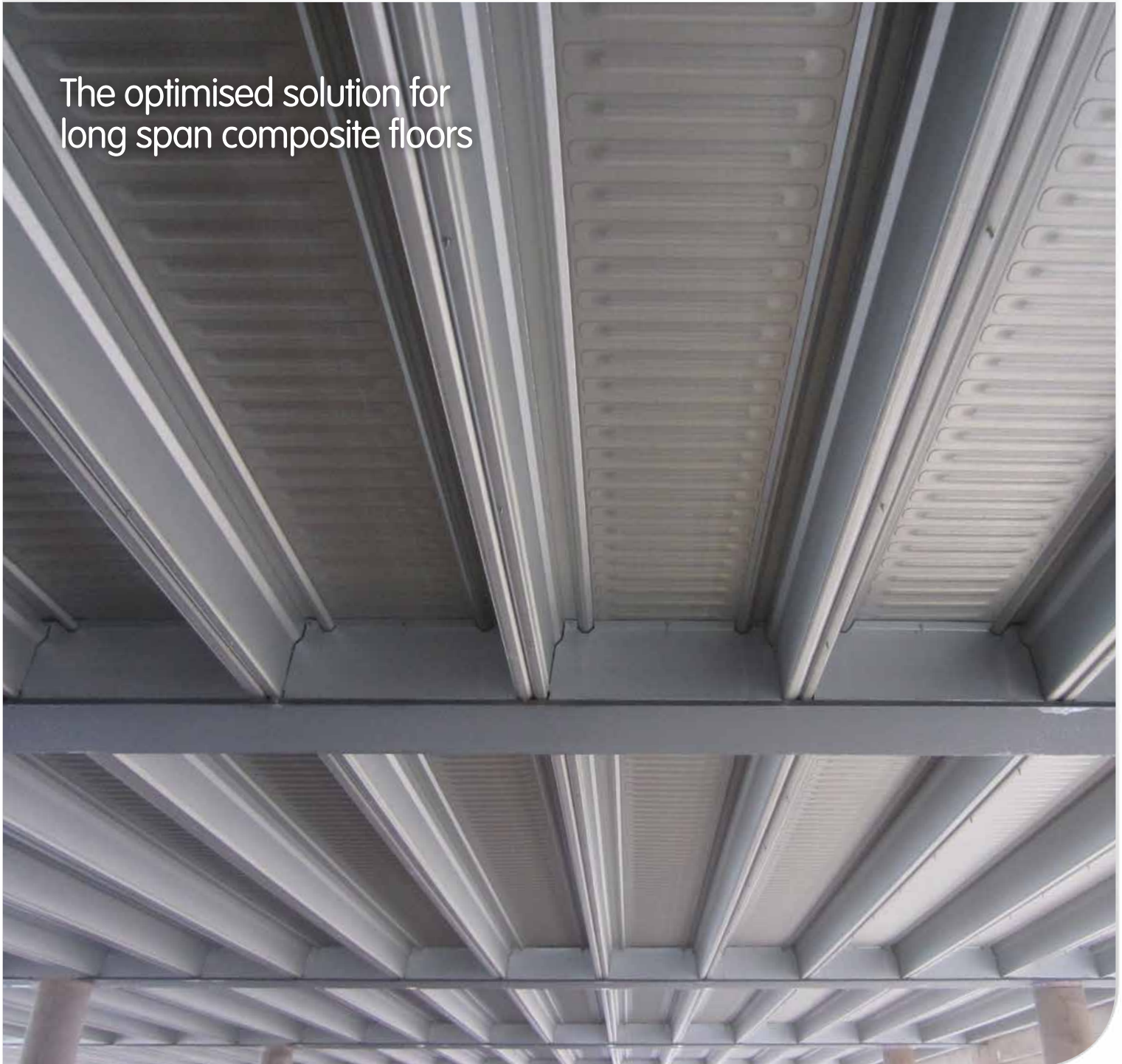




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# Cofraplus<sup>®</sup> 220

The optimised solution for  
long span composite floors



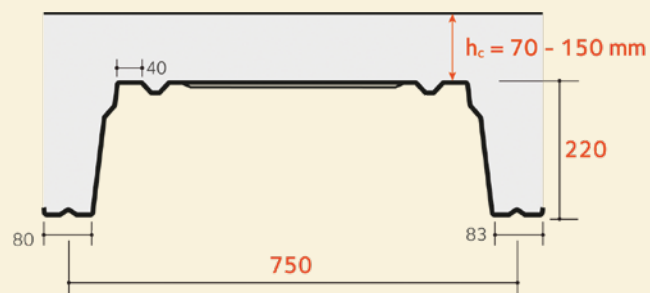
# Cofraplus® 220

The light & high performing composite floor deck for all kinds of projects

## Installation steps



COFRAPLUS® 220\* (AT3.1/17-927 or AbZ Z-26.1-55) is a deep composite floor profile capable of spanning 9.0m, greater than shallow deck alternatives.



download the detailed instruction for installation on our web page

View our installation animation of Cofraplus® 220 with CoSFB on 

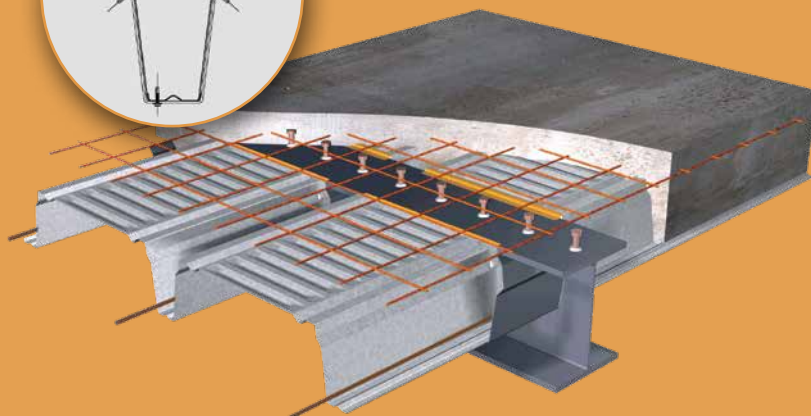
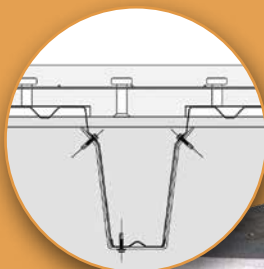


\*Possible finishing for the expose soffit surface : galvanised or coated



## WING system

The «WINGS» are support elements which are welded to the beam in the workshop or fastened to the beam on site using screw fixings.





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As a result of a major research program, COFRAPLUS® 220 represents a new generation of composite floor decking.

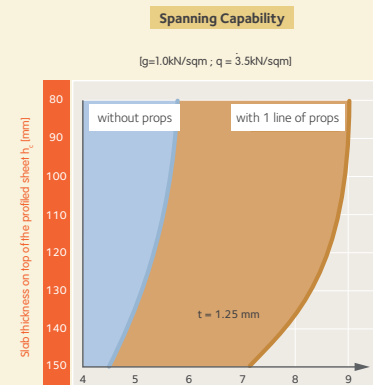
### Advantages

- + Enables spans of the floor decking\*\*
  - Up-to **5.5m without propping**
  - Up-to **9.0m with propping**
- + Highly flexible in use: lightweight profile (12.5 kg/m) makes it placeable by hand, thus reducing costs related to lifting equipment
- + Compatibility with **steel, concrete or wood framed structures** makes it suitable for new construction, extensions and renovations
- + **Fire resistance of 60 to 120 minutes** thanks to the simple integration of rebar in the rib

\*\*ArcelorMittal can provide a detailed pre-design on request.

### Performance

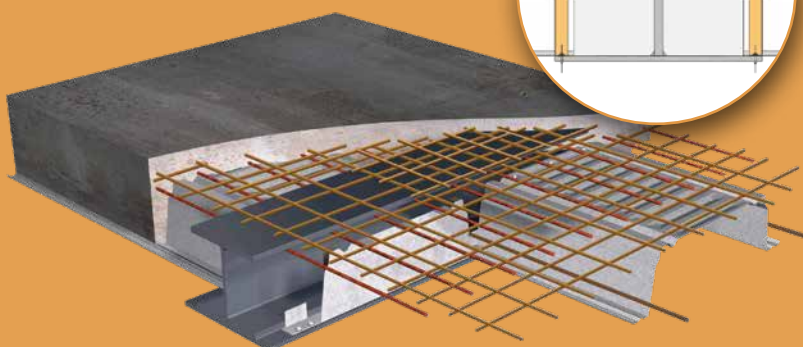
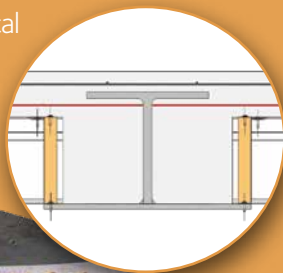
The slab thickness above the top of the profiled sheet depends on the required span and degree of fire resistance



Concrete thickness (h <sub>c</sub> )	mm	70	80	90	100	110	120	130	140	150
Concrete volume	l/sqm	106	116	126	136	146	156	166	176	186
Self-weight of the floor	kg/sqm	280	305	330	355	380	405	430	455	480

### SLIM FLOOR system

The combination of COFRAPLUS 220® with a composite "CoSFB" beam is a very economical solution offering shallow construction and avoiding additional fire protection.





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