



# STRESSLITE PRECAST

BUILDING A SOLID FUTURE

The Stresslite wide slab is a precast composite floor system in 2.4m sections, which can accommodate span up to 12m. Wide slab floors are the preferred choice of both contractors and engineers due to its structural properties and its erection speed. Our wide slab floor is highly adaptive and easily erected and responds well to site needs. It can meet almost any structural requirements and can adapt to a variety of specific needs.

## Stresslite Wideslab Benefits:

- Fast fitting time
- High quality surface finish
- Can be designed to carry heavy loadings
- Excellent fire resistance
- Can incorporate tie and up-stand beams
- Just-in-time delivery/erection
- Allows greater flexibility of layout
- Longer spans/heavier loadings can be achieved by providing continuity reinforcement
- Services/opes can easily be incorporated and can be used in all types of frame construction.



For further information on our floors please contact  
**00353 45891300** or [sales@stresslite.ie](mailto:sales@stresslite.ie)  
[www.stresslite.ie](http://www.stresslite.ie)





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SAFE LOAD TABLE FOR PROPPED Stresslite Wideslab			Unfactored Live Load kN/m <sup>2</sup>								
Slab Depth (mm)	Screed Depth (mm)	Total Depth (mm)	1.5kN/m <sup>2</sup>	2kN/m <sup>2</sup>	2.5kN/m <sup>2</sup>	3kN/m <sup>2</sup>	3.5kN/m <sup>2</sup>	4kN/m <sup>2</sup>	5kN/m <sup>2</sup>	6kN/m <sup>2</sup>	7kN/m <sup>2</sup>
100	75	175	6.65	6.65	6.65	6.65	6.65	6.65	6.45	6.10	5.80
100	100	200	7.60	7.60	7.60	7.60	7.60	7.40	7.00	6.70	6.40
100	125	225	8.60	8.60	8.40	8.20	8.00	7.90	7.60	7.30	7.05
100	150	250	9.00	9.00	8.80	8.60	8.40	8.20	7.95	7.70	7.45
125	75	200	7.60	7.60	7.60	7.60	7.60	7.40	7.00	6.70	6.40
125	100	225	8.60	8.60	8.40	8.20	8.00	7.90	7.60	7.30	7.05
125	125	250	9.00	9.00	8.80	8.60	8.40	8.20	7.95	7.70	7.45
150	75	225	8.60	8.60	8.40	8.20	8.00	7.90	7.60	7.30	7.05
150	100	250	9.00	9.00	8.80	8.60	8.40	8.20	7.95	7.70	7.45

SAFE LOAD TABLE FOR UNPROPPED Stresslite Wideslab			Unfactored Live Load kN/m <sup>2</sup>								
Slab Depth (mm)	Screed Depth (mm)	Total Depth (mm)	1.5kN/m <sup>2</sup>	2kN/m <sup>2</sup>	2.5kN/m <sup>2</sup>	3kN/m <sup>2</sup>	3.5kN/m <sup>2</sup>	4kN/m <sup>2</sup>	5kN/m <sup>2</sup>	6kN/m <sup>2</sup>	7kN/m <sup>2</sup>
100	75	175	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20
100	100	200	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20
100	125	225	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
100	150	250	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
125	75	200	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
125	100	225	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
125	125	250	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
150	75	225	6.20	6.20	6.20	6.20	6.20	6.20	6.20	6.20	6.20
150	100	250	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00

## NOTES:

1. We utilise a maximum of 23 no 9.3mm strands in our 2.4m Wideslab product to obtain our values
2. Our table shows typically supported effective spans in metres. Where continuity is available over the supports the effective span can be increased from the values shown (please contact the sales office on sales@stresslite.ie or call 045 891300)
3. These values are based on a Stresslite Wideslab system which requires structural propping in the temporary condition
4. Spans in excess of 7.5m on propped Stresslite Wideslab table will require a single propline in place prior to erecting slab. Spans in excess of 8m will require 2 lines of propping in place prior to erecting slab
5. The values in the tables are shown for guidance. Please contact the Stresslite design office on 045 891300 regarding specific design queries

For further information on our floors please contact  
**00353 45891300 or sales@stresslite.ie**  
**www.stresslite.ie**

**STRESSLITE  
PRECAST**

Hempstown,  
 Blessington,  
 Co. Wicklow