

Longspan & Light-Duty Shelving

Beam-and-shelf systems for hand-loaded storage

Longspan shelving carries what a person picks, not what a forklift lifts: it uses lighter uprights, longer beams and a shelf deck (steel panel or timber), and it is designed to be loaded by hand at face level.

Systems

System	Typical span	Load per level
Light-duty shelving	Up to about 1 m	Up to roughly 100 kg
Medium-duty shelving	Up to about 1.5 m	Roughly 100 – 400 kg
Longspan shelving	1.5 – 3 m	Roughly 400 – 1,000 kg
Pallet racking	2.7 m and above	Pallet loads — see the racking sheet

Members

Uprights	Slotted roll-formed upright, punched for shelf levels
Beams	Roll-formed step beam, sized to the span and the load
Shelf deck	Steel panel, wire mesh or timber deck on the beams
Finish	Powder-coated or pre-galvanised, chosen with the environment
Design basis	Same cold-formed design codes as pallet racking — the system is quoted with its load table

Standards referenced

EN 15512 (steel static storage systems — structural design, also the reference for shelving systems) · ANSI MH16.1 (North America) · AS 4084 (Australia / New Zealand) · EN 10346 for the coated steel

Need a quote? Send the bay widths, level heights, load per shelf and the number of bays.

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