



Star Beat Building Materials Limited

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Blue Metal®
LOAD BEARING CEILING SYSTEM / LB-Series

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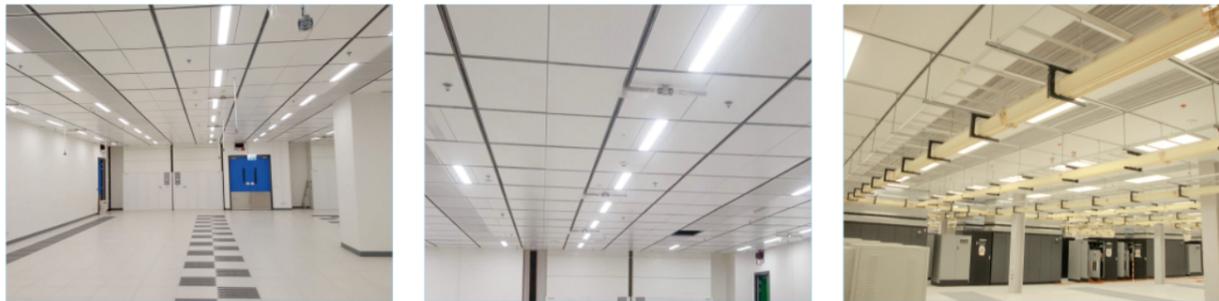
The Blue Metal Load Bearing Ceiling System is a closed gap design. This sturdy ceiling system has been invented not only to create a visually uniform surface but to support loads up to a maximum of 150kg/m² which can be placed either above or below the ceiling. The loads can be placed along the carriers and do not need to be aligned with, or attached to, any specific part of the suspension system. This gives much greater flexibility to numerous manufacturing processes and assembly lines operating within commercial premises. It is especially suited for data-processing centres, industrial plants and supermarkets etc.

KEY FEATURES

- ▶ Monolithic smooth appearance
- ▶ Downward accessible with removal tools
- ▶ Extra load-bearing function included
- ▶ Easy integration with mechanical systems
- ▶ Robust engineering system
- ▶ Sound attenuation and absorption
- ▶ Acoustic infill option for enhanced acoustical performance

APPLICABLE AREAS

- ▶ Data-processing Centre
- ▶ Department Store
- ▶ Industrial Plant
- ▶ Supermarket



PRODUCT DATA

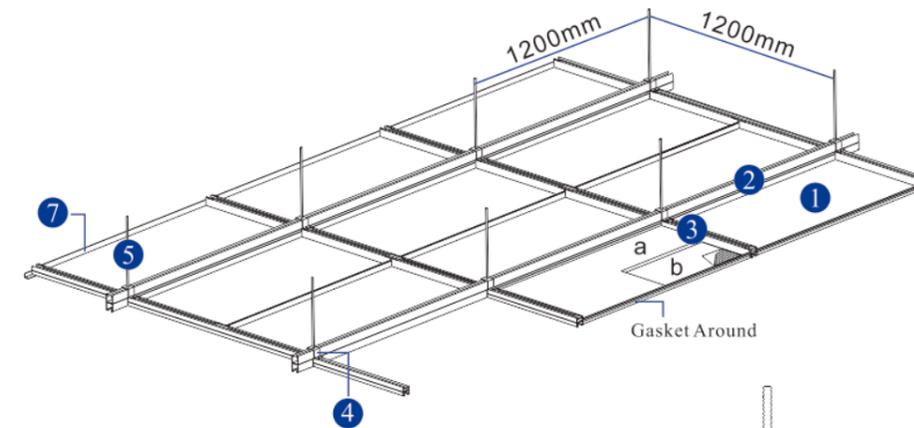
Item	Width(mm)	Thickness(mm)
LB-300	300x1200	0.8-3.0
LB-400	400x1200	0.8-3.0
LB-600	600x1200	0.8-3.0

These are the standard sizes. Other sizes are available upon request.

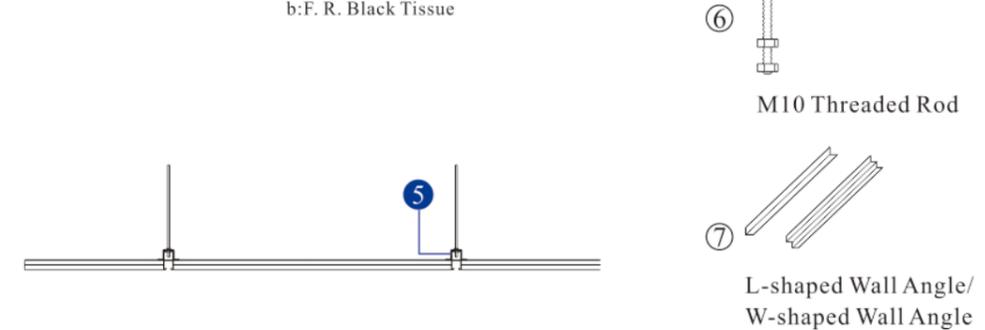
PRODUCT SPECIFICATIONS

Material	Aluminum alloy
Surface Finish	Powder coating / PVDF coating
Color	Standard RAL colors
Sound Absorption	Perforated with acoustical fleece - NRC≥0.7
Sound Attenuation	Plain - CAC≥40dB / Perforated with fleece - CAC≥24dB
Physical Performance	Non-combustible, Moisture resistance and Anti-bacteria

INSTALLATION ILLUSTRATION



Optional: a:Fibre Glass Insulation
b:F. R. Black Tissue



SYSTEM PARTS

- ① Ceiling Panel
- ② Main Carrier
- ③ Cross Carrier
- ④ U-shaped Connector
- ⑤ Bolt & Nut
- ⑥ M10 Threaded Rod
- ⑦ L-shaped Wall Angle/
W-shaped Wall Angle