

TECHNICAL SHEET

10/2024 MB-BE300-OB-60-SR / MB-BE300-TB-60-SR

BUROBOX 30 SR MO



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COMPOSITIONS :

- 30 mm Thick high-density Mineral Panel
- Steel Tray Galvanized Z100 (for indoor use)

OPTION :

- Top Sheet 4/10° in galvanized Z100 steel

ACCORDING TO THE STANDARDS FOR RAISED FLOORS - EN 12825

DESTINATION :

- Uncoated floor panel for office use in high-rise buildings (IGH) and other interior applications, designed to be covered with a loose-lay floor covering such as carpet or PVC.

Dimensions	
Width 600 mm	Tolerance +/- 0,25 mm
Length 600 mm	Tolerance +/- 0,25 mm
Thickness 30 mm	Tolerance +/- 0,3 mm

TECHNICAL PERFORMANCE OF THE SYSTEM

Allowable Loads	Self-supporting installation: 1A Point load: 275 daN Distributed load: 1,375 daN/m²	Installation with 30/15 bearers: 2A Point load: 327 daN Distributed load: 1,635 daN/m²
	Self-supporting installation (HD) : 3A Point Load : 433 daN – Distributed Load : 2 165 daN/m²	Installation with 30/15 bears (+ Top sheet) : 2A Point Load: 359 daN – Distributed Load : 1 795 daN/m²
Fire Resistance	FIRE REACTION : A2fl-s1 (M0) on the underside – plenum side	
Electrostatic Property	ANTISTATIC: TRANSVERSE ELECTRICAL RESISTANCE > 10⁹ Ohms	
Acoustic Property	Uncoated : 46 dBA	With loose-lay carpet 500x500 : 51 dBA

ENVIRONMENTAL APPROACH

Raw finish or with top sheet: A+	FDES : INIES N°1-170:204(R1)
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USAGE AND MAINTENANCE

	DISASSEMBLY OF THE FLOORS	REASSEMBLY OF THE FLOORS
Plenum access	Use the lifting tools designed for this purpose (suction cup). Never use a screwdriver or lever. Removal of checkerboard panels is recommended. Marking of edge panels is necessary.	Check the proper alignment of the head joints and remove any foreign objects from the jacks and crossbars. Carefully replace the panels in the same order and orientation as during disassembly.
Maintenance	Water or liquids can cause swelling of the panel components, oxidation, or delamination (for factory-coated panels). Excess water must be avoided. It is essential to consult the maintenance sheet (from the manufacturer) for the adhesive coating on the panel before any intervention.	
Storage conditions	The material must be stored in dry, closed premises with an ambient temperature between +12°C and +24°C and a relative humidity between 45% and 70% . It is essential not to film the pallets to avoid any condensation that could irreversibly damage the material.	
Implementation	The installation rules and their conditions are defined by DTU 57-1 (P1 and P2) .	