

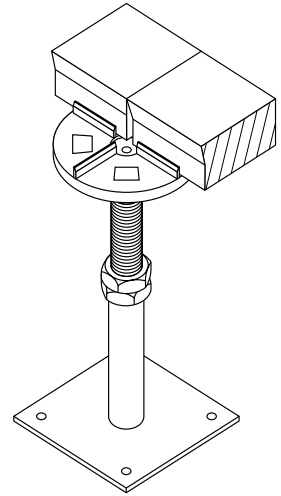
DONN DM31 Product Specification Guide

Features

- Strong toplap panel detail provides a totally steel encased core which gives dimensional stability
- Electrical continuity meets IEE and IBM regulations
- Corrosion resistant steel ensures durability, long life and resistance to water damage
- All panels are fully interchangeable.
- High technology lamination and bonding on all components for maximum strength
- Stringer systems available for deep void options
- Quality assured manufacture - to ISO 9002
- Loose lay and screw down options available

Size	: <u>600 mm x 600 mm</u>
Panel thickness	: <u>31 mm</u>
Core	: <u>30 mm particle board core</u>
Casing	: <u>Corrosion resistant steel</u>
Performance	: <u>General office use</u>
Point load (25 mm Sq)	: <u>2.8 kN</u>
Point load (300 mm Sq)	: <u>4.5 kN</u>
U.D.L.	: <u>12.0 kN per m²</u>

Above working loads required to impose 2.4 mm deflection.
Working loads stated have a safety factor of 2.



Application

An ideal option for use in general office areas where full and easy accessibility to the void is necessary to satisfy current and future requirements.

Installation

Pedestals are adhered to the concrete sub floor using a specially formulated 2 part epoxy adhesive. Where applicable, apply a coat of floor sealer to ensure a good dust free bond between pedestal and sub floor. A provision for mechanical fixing is built into all pedestal base plates.

Void depths

Depths can vary from a minimum of 50 mm up to 1200 mm (including stringers).

Electrical performance

Earth bonding of the system is achieved by means of bonding conductor clips in the gasket. Main bonding conductors can be fixed to the pedestal bases for connection to the building earth. Service boxes can be factory fitted, along with outlet grommets to pass cables through the floor void.

Weight

System weight with finish floor height (FFH) of 300 mm and without stringers and panel coverings is 32.7 kg/m² approx.

Humidity

DM31 is suitable for conditions up to 75% RH at 5° - 30°C.

Fire

Steel surfaces Class 0 to BS 476 pt 6; surface spread of flame Class 1 to BS 476 pt 7.

Accessories

A wide range of accessories allows you to create custom-made designs for virtually all requirements and ensure compatibility with air distribution and wiring systems. For details of air grilles, floor coverings, stringers, steps, ramps and expansion joints, contact your local USG office.

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