

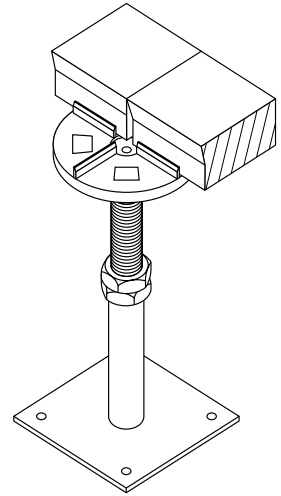
# DONN DM1 - Light Grade Product Specification Guide

## 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
- High density, fully encapsulated particle board for high strength
- 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>26 mm</u>
Core	: <u>High density chipboard</u>
Casing	: <u>Corrosion resistant steel</u>
Performance	: <u>MOB PF2 PS/SPU LIGHT GRADE</u>
Point load (25 mm Sq)	: <u>1.5 kN (working load)/2.2kN (extra performance)</u>
Point load (300 mm Sq)	: <u>2.7 kN (working load)/4.5kN (extra performance)</u>
U.D.L.	: <u>6.7 kN per m<sup>2</sup> (working load)/12.0kN (extra performance)</u>

Extra performance loadings will impose a 2.4 mm deflection.  
Working loads stated have a safety factor of 3.



## Application

An ideal option for use in general office applications, offering flexibility of access and a comfortable walking feel.

## 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 28.5 kg/m<sup>2</sup> approx.

## Humidity

DM1 is suitable for conditions up to 75% RH as per PF2 PS.

## Fire

DM1 satisfies the MOB PF2 PS/SPU small scale fire test. 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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