

RAISED ACCESS FLOOR

UNDERSTRUCTURE TYPE: MR13CT-SCREW-Ω27

MODULAR PANEL TYPE: T38 / AL / BM / PVC

DATA SHEET

No. 148

The Raised Access Floor produced By **CRESPI SpA** has been designed and manufactured according the directives of the Quality Certification **UNI EN ISO 9001:2008** and the figures on loads and geometrical tolerances are in accordance with the **UNI EN 12825** directives of the European Community.

This type of Raised Access Floor is composed of:

A. UNDERSTRUCTURE

A.1 - Adjustable pedestals MR13CT in galvanized steel are composed of a $\varnothing 90$ mm circular head and $\varnothing 20$ mm distance tube. The stamped circular head is ribbed for rigidity. The distance tube is welded to the head for improved strength.

The $\varnothing 90$ mm pedestal bases are produced in galvanized steel with a $\varnothing 16$ mm threaded rod. They are supplied with a locking nut to secure height.

Pedestal heads are supplied with **sound dampening self-extinguishing gaskets**.

A.2 - Modular Stringers MR13 "omega" 27x25x1 mm. With sound damping, self-extinguishing gaskets and $\varnothing 4$ mm screws to fix stringer to head.

B. MODULAR PANELS

B.1 - Structural core made with **High Density Chipwood**, thickness 38 mm, (density 760 kg/m^3 , $\pm 5\%$). It is a wood conglomerate produced for the specific use of raised floor, without toxic resins and without formaldehyde, according to the European norms (Class E1).

B.2 - Upper covering made with **PVC, thickness 2mm. (PVC types available : Anti Static, Static Dissipative & Conductive).**

B.3 - Under covering made with **ALUMINIUM FOIL.**

B.4 - Perimetral shock-proof edges made with **special self-extinguishing ABS** trimming, black colour.

C. TECHNICAL CHARACTERISTICS – systems with a full fixed height of 200mm

1. Breaking load : **class 2** ($\geq 6 \text{ kN}$) : **EN 12825**
2. Security factor : **3** : **EN 12825**
3. Concentrated working load : $\geq 2 \text{ kN}$: **EN 12825**
4. Flexion at working load : **class A** ($\leq 2,5 \text{ mm.}$) : **EN 12825**
5. Tolerance on dimension and orthogonality of modular panels : **class 1** : **EN 12825**
6. Fire reaction of the modular panel core : **class 1** according to **UNI 9177**
7. Sound insulation : **36 dB** (calculated using principles of mass law for aerial noise @ 500 Hz)
8. The galvanization of steel components is produced according to the EEC directives concerning the restriction to use of harmful substances.
9. Self-extinguishing properties for any plastic element of the Raised Access floors (perimetral edges and gaskets).