

GAMAFLOL RAISED FLOOR SYSTEM SPECIFICATIONS & PRESCRIPTION GUIDE

SYSTEM: POLYGROUP GAMAFLOL FULL STEEL HEAVY MEDIUM WITHOUT COVERING

RAISED FLOOR SYSTEM POLYGROUP GAMAFLOL FULL STEEL HEAVY MEDIUM WITHOUT FINISH FS-70/CT

POLYGROUP Raised access floor system Gamaflor shall consist of FULL STEEL modular panel with a nominal size of 600x600mm and 34 mm thickness formed by full encapsulated high pressure and fireproof injected lightweight cement core; Cementitious fill material shall be totally encased within a steel sheet of 0,90mm thickness electro-welded in 140 points to a 64 embossments formed steel sheet of 0,9mm thickness. Strengthened by a reinforced perimeter rib to obtain highest static and dynamic resistance capacity; Minimum distributed load capacity of **41,00 kN/m²**. A dark grey anticorrosive epoxy smooth painting coat cured in heat oven process shall be applied to protect panel from corrosion. Fire resistance shall be **A1FL** and electric resistance $< 0,326 [w(m*k)]$ according and to UNE-EN 13501-1:2002 standard. Top panel finished bare and prepared for on-site completion, using atactic, self-supporting materials, such as carpets, vinyl, rubber, etc., in the form of floor tiles. Panels shall be directly laid by gravity and corner screwed to corrosive resistant galvanized steel Pedestal Gamaflor FS-70(VF/TH) consisting of:

HEAD: square steel plate measuring 76x76 mm and 3 mm thickness; The centre of the plate is linear welded to a silver-plated galvanized steel threaded rod with metric M-18 designed with anti-rotation device engaging the head assembly and locking free-rotation.

BASE: composed of a circular steel plate measuring a diameter of 90 mm and 3 mm thick. The centre of the plate is welded to a silver-plated galvanized steel tube of 25 mm diameter and 3 mm thickness designed to engage the head assembly.

Note: this prevents the assembly from inadvertently losing its levelling adjustment when panels are removed from the installation during use.

8 holes facilitate the drain excess of adhesive in case of bonding fixing or permit mechanical anchoring.

NUTS: the rod is provided with 2 DIN 439 nuts of galvanized steel. These nuts work as reinforcement and security elements for pedestal assemblies between head and base, provide a means of levelling and lock the assembly at a selected height while avoiding the loss of levelling.

For lateral stability, 25 x 25 mm size and 1 mm thickness galvanized steel stringers FS-550 with closed-section profile and EPDM finish shall be used for better acoustical impact absorption. Stringer shall be bolted to pedestal head. System shall be manufactured with water base adhesive free of volatile organic components (VOC) and conform a recycling certificate which shall grant its contribution to both sustainability processes developed by the Green Building Council, building LEED Certification and Company official LEED accreditation.

GAMAFLOL FULL STEEL System is classified as **Class 6** according to UNE EN 12825:2002 standards.

Notes to the Specifier:

- Please review and edit this master specification to meet the needs of your project.
- Consult with manufacturer regarding performance requirements for units applicable to project, as well as, related equipment and accessories required.
- Fill out the raised floor system final height field from 90mm to 1100 mm
- For heights above 1100 mm, please contact our technical team and we will provide you with the proper specification text to implement your project.
- In case you don't find the covering needed among the ones offered please contact our technical team and we will provide you with the proper specification text to implement your project.
- We advise you to contact us to provide you with quick and straightforward price study and assistance for your project