

**GAMAFLOR RAISED FLOOR SYSTEM SPECIFICATIONS & PRESCRIPTION GUIDE****SYSTEM: POLYGROUP GAMAFLOR BANK 35/05 WITH HPL POLYSTRATIC COVERING****RAISED ACCESS FLOOR POLYGROUP GAMAFLOR BANK 35/05 FINISHED WITH HPL POLYSTRATIC T-70/CT**

POLYGROUP Raised access floor system Gamaflor consisting of PAC 35/05 fully removable square panel with a nominal size of 600x600mm and 35 mm thickness formed by high density chipboard core of 720 Kg./m<sup>3</sup> density (+ 10 % according to international standards) and protected perimeter with PVC self-extinguishing edge trim of 1.5 mm thickness. Bottom surface securely bonded and finished with mid-edge Galvanized steel tray Z-275 of 0,5 mm. Aluminium foil or Kraft is not acceptable as underlying materials. Panel achieves a fire classification **Bfl-S1** according to UNE-EN 13501-1:2002 standards. Distribution load capacity **33,33 kN/m<sup>2</sup>**.

Factory applied covering with Hardwearing High pressure stratified and thermo-setting resin laminated covering of 1 mm thickness Class AC5 HPL POLYSTRATIC. Colour to be defined

Panels are directly laid by gravity on corrosive resistant galvanized steel Pedestal Gamaflor T (TH/VF) consisting of:

**HEAD:** composed of a circular steel plate measuring a diameter of 90 mm and 3 mm thick, with 8 holes to block conductive cup at contact points between heads and panels. 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.

**BASE:** 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.

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.

Pedestal shall be capable to withstand a vertical load of 48 kN without deforming (4 times 12kN workload) being the maximum resistance of 65kN according to section 5.3.1 of EN-12825:2002 standards.

For lateral stability, 25 x 25 mm size and 1 mm thickness galvanized steel stringers T-525 with closed-section profile and EPDM finish shall be used for better acoustical impact absorption. Stringer shall be assembled / clipped 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.

Gamaflor BANK 35/05 System is classified as **Class 5** 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.