

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

POLYGROUP Raised access floor system Gamaflor consisting of BANK 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 capable of producing pressurized plenum without whistling . 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 rectified, calibrated, squared and micro bevelled natural granite of minimum 12 mm thickness. Colour to be decided. 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 center 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.