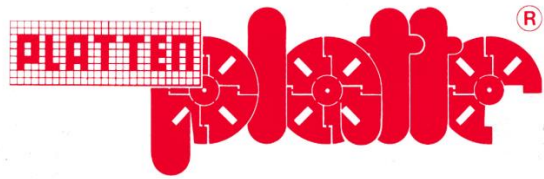


Pedestal- Permanently attractive floor coverings



40 years of experience with PlattenPlatte® is given, the pedestal made by *euro-system Couwenbergs oHG* as a variable substructure for flat roofs, terraces, balconies or parking decks available in heights of 15 up to 600 mm.

Everything started with an idea more than 40 years ago resulting in a patent, and now *euro-system* is in the position to look back to over 40 years of experience. At the beginning there was the problem: The rigid connection between slabs and/or wood coverings on balconies, access balconies, terraces and flat roofs and the layers beyond them (concrete, cement, mortar and grit). The loads caused by solar irradiance, rain water or frost lead to cracks, leakage and subsiding of the covering when laid in the conventional way. High costs of repair are the inevitable consequence.

The solution tried and tested meanwhile

Tests have revealed that it is necessary to separate the coverings of substructures from the adjoining structural components. For this purpose, *euro-system Couwenbergs oHG* located in Karlsruhe (Germany) has designed a universal solution: a slab support system made of the dimensionally stable and weather resistant synthetic materials PE polyethylene / PP being compatible with other building materials.

Application:

- Slabs: stone, marble, granite, flag, concrete
- Wood: squared timber, wood tiles, wood slabs, etc.
- Grid: drainage channels, outlets, grid plates, etc.
- Temporary floors: dance floors, fountains, exhibition booths, terraces, industrial floors

Today, *euro-system* offers pedestal combinations of 15-600 mm. All slab supports are compatible with each other; this means that all supports can be stacked upon each other so that they can be adjusted to any height in a flexible way. It is possible to quarter or halve the slab supports having a height of 15 and 45 mm as well as the adjustment tiles avoiding any waste when laying edges.



Fig. 1: Combination of PLV50/75 with 2 ZSt65/100 (back left), stacked PP155/15 (middle left), stacked PP 155/45 (back right), PLV50/75 (middle right), DA200/3 (front left) and AS15/3 (front right).

The pedestals that are adjustable in height were added in the next stage of development because of the growing requirements in terms of height in the construction sector. The basic adjustable pedestal PLV50/75 can be combined with the other slab supports or the ZSt65/100.



Fig. 2: Height adjustable pedestal PLV50/75 (left side) can be combined with the ZSt 65/100 (right).

The company has always been focusing on flexibility and quality, therefore, production that is subject to regular inspection and control is run in the district of Karlsruhe. More than 40 years of experience with state and health projects stand for high quality.