

**FR 5.2.9** It is preferable that a platform is not constructed directly under any other platform.

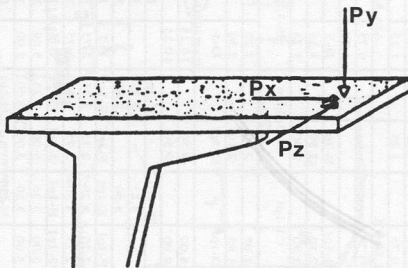
**FR 5.2.10** Requirements for the supporting structure. For platforms and supporting structure of the springboards the design load is  $p = 350$  kiloponds (kilograms force) per lineal metre.

In addition to the static requirements and for the comfort and safety of the user with respect to the movement of the towers, the following limits shall be observed, with respect to the platforms and springboard supports.

Fundamental frequency of platforms 10.0 Hz

Fundamental frequency of tower 3.5 Hz

Oscillation of total structure 3.5 Hz



The spatial deformation of the front edge of the platforms as a result of  $P_x = P_y = P_z = 100$  kiloponds (kilograms force) shall be a maximum of 1 mm (see drawing).

These requirements can be met most adequately by a reinforced concrete structure. The proof of the dynamic behaviour is to be provided together with the static calculations for the whole structure.