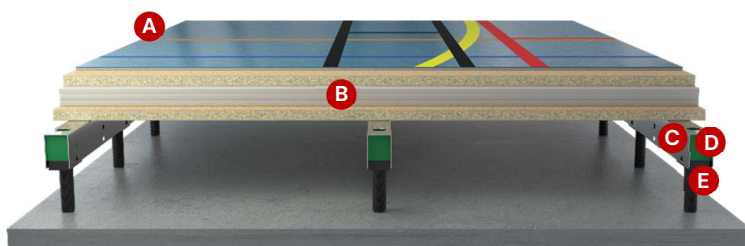


9000 ND50 Sport



Adjustable height: 180–555 mm. Natural frequency = 10 Hz.

Granab subfloor system 9000 ND50 sport is constructed according to the above section. The system is very resistant to high loads and meets the requirements of C5 according to Eurocode EN1991-1-1. The system can be installed on uneven surfaces and the installation height is easily adjusted with the adjustment screws. The floor can easily be combined with mechanical ventilation against moisture, mould and radon.

A sports mat with combi-elastic properties or a sports parquet, for example, can be laid on top of the top chipboard. The highest requirement for combi-elastic sports floors according to EN Norm 14904:2006 Type C4 is easily achieved with this system.

The systems natural frequency = 10 Hz.

- A SPORTS MAT**
- B FLOORBOARDS**
22 mm chipboard, 3x13 mm Recoma/plasterboards
22mm chipboard.
- C GIRDER**
Granab system 9000 ND50 Sport.
Galvanised steel.
- D DAMPENING ELEMENT**
50mm mm sylodyn (type ND)
- E BLOCK WITH ADJUSTMENT SCREW**
180–555 mm.

EXEMPLE OF TEST RESULTS WITH SPORTS MATS P1/P2

| Measurement | Test results | Requirements according to EN |
|-------------------------|--------------|------------------------------|
| Shock absorption | 60 % | >55-75 |
| Vertical deformation | 3,7 mm | Max 5,0 mm |
| Vertical ball behaviour | 94 % | Min 90 % |



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