

Type 2 wood

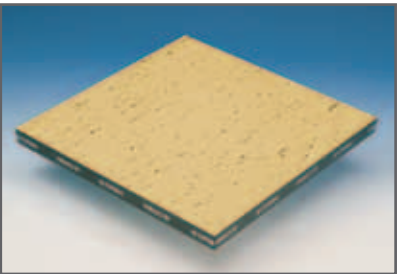
The type 2 panel consists of high density chipboard of emission class 1 which is reinforced by galvanized steel sheet by advanced backing procedure.

The emission tests are carried out acc. to the international requirements (system test = panel + pedestal):

- ASTM D 5116-97 (American Emission Test). This norm comprises the „Green Label, Hong Kong“ and refers as well to the requirements of LEED (=Leadership in Energy and Environmental Design).

- ISO 16000: worldwide approved emission test.
- AgBB/DIBT: Test of the product emission which is applied in Germany.

An all-round synthetic edge trim protects the panel edges from mechanical damages and humidity.



Type 2 mineral material

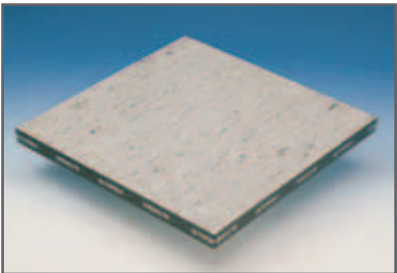
The MERO floor panel type 6 consists of fibre-reinforced calcium sulphate of the building material class A2 (DIN 4102, part 1) and A1 (European Norm DIN EN 13501)

The emission tests are carried out acc. to the international requirements (system test = panel + pedestal):

- ASTM D 5116-97 (American Emission Test). This norm comprises the „Green Label, Hong Kong“ and refers as well to the requirements of LEED (=Leadership in Energy and Environmental Design)

- ISO 16000: worldwide approved emission test.
- AgBB/DIBT: Test of the product emission which is applied in Germany.

An all-round synthetic edge trim protects the panel edges from mechanical damages and humidity.
Panel bottom can be provided with galvanized steel sheet for heavy load requirements.



The panel surface of both panel types are provided with access floor suitable floor coverings at factory. The panels are loosely laid on c-type stringers and fixed by means of synthetic gaskets. Requirements regarding Phela or electric arc protection guidelines are met by screwing the panels and other structural measures.



Ideal access: MERO access floor panels can easily be removed

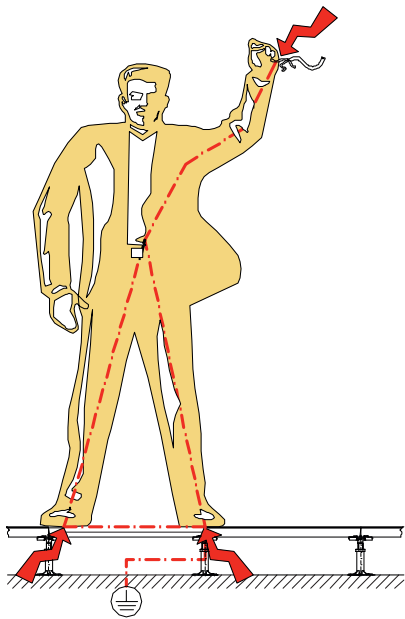
Optimal protection for people and equipment

Earth continuity - Characteristics of the construction

On the one hand, the electrical equipment must be protected against electrostatic charges and on the other hand people must be protected against electric shocks. Therefore, floor coverings like PVC, linoleum, caoutchouc or laminate are used which can also be finished acid, base and chemical resistant on request.

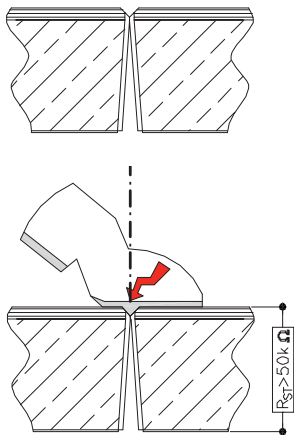
However, the best floor covering is losing its protecting ability if dirt particles or humidity make contact with the conductive edge trim of the floor panels.

Thus, people become conductors and can suffer electric shocks. Therefore, the panels are provided with a non-conductive edge protection which does neither affect nor change the protecting ability of the floor covering. The necessary conductivity for the protection of the equipment is obtained by structural measures directly through the glue of the floor covering and the panel. Thus, an optimal protection for people and equipment is given.



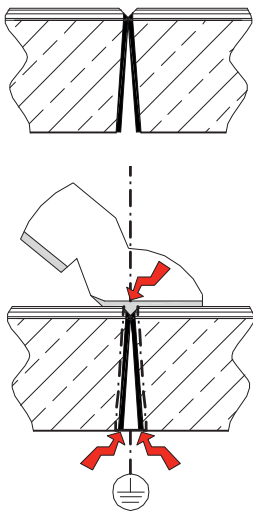
MERO type 2 construction

non-conductive edge trim



Other constructions

conductive edge trim



Conductive contact bridges:

- shoes
- humidity
- dirt

