Calcium Sulphate Panel

Access Floor – intelligent · flexible · ecological
The design of intelligent modern buildings requires today most flexible solutions following both architectural as well as functional issues. **Modular access floors** are nowadays the state of the art in all modern office and administration buildings worldwide.

**Design**

The high density NORIT calcium sulphate panels are manufactured with selected raw materials in a patented single pulse pressing procedure. This combination guarantees a constant high product quality. As mineral binding agent we use high-quality alphahemihydrate. Only nontoxic, unbleached cellulose fibres of primary and secondary cellulose are used as reinforcing material. This enables us to manufacture a product of constant superior quality. The panel can be supplied with or without an edge band (dependent from the floor covering applied). The underside may be additionally lined with galvanized steel sheet or aluminium foil.

**Fire resistance**

The steadily increasing demand of using **incombustible materials** to reduce the fire load in the buildings makes the NORIT Calcium Sulphate Access Floor a most valuable solution offering both functional as well as safety advantages. **Superior fire resistance** as well as a high degree of comfort are the main features of the NORIT Calcium Sulphate Access Floor – a most intelligent solution.
Major product advantages

- Noncombustible building material
- Superior fire resistance
- Excellent acoustical behaviour
- High load bearing capacity
- Very low panel deflection
- Low sensibility to humidity
- High walking comfort
- Dimensional accuracy
- Ecological certificate
- Computer controlled production
Standard panel thicknesses between 24 mm to 40 mm as well as special material mixtures are available to allow any specific load bearing requirement – tailor-made solutions can be offered as a standard.

**Acoustical characteristics**
The material structure, design features and high production precision of the access floor panels provide excellent acoustic values. The extremely good walk-on properties offer a high degree of comfort and create a perfect working ambience.

**Electrostatic characteristics**
Electrostatic charges are dissipated, regardless of panel material, by the inherent design features. The ohmic resistance defined in this way permits compliance with earth continuity in accordance with VDE 0100 by the use of suitable floor coverings.

**Air ventilation**
Either plastic or metal ventilation elements can be fitted into the NORIT calcium sulphate panel or steel ventilation panels can be installed instead of NORIT panels to follow the requirements of the underfloor air conditioning system.

**Ecology**
Due to this environment friendly production process and the use of ecological materials the NORIT panel will be recyclable from 90 to 97 % at the end of its life – a very important economical aspect nowadays.
Possible Floor coverings

A huge variety of different floor coverings is available for factory application:

- Vinyl, Linoleum, Caoutchouc, Flex
- Velour, Needlefelt Carpets
- High Pressure Laminates
- Wooden Parquet
- Ceramics
- Natural and Artificial Stones
- Loosely laid covering tiles