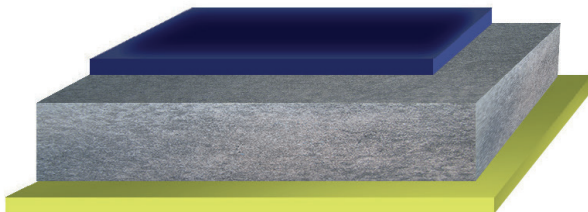


dispacplan®

The heavy-duty industrial system floor!

System description

- Two-layer industrial flooring system, consisting of a base slab on the ground, manufactured using special rolled concrete installation methods/formulations and a plastic-modified cement-bound industrial floor,
- non-slip, rubbed,
- natural grey (the surface structure is subject to regional material influences)



- displan®
- dispac®
- Existing substrate/subbase layer

Area of application

- Production facilities
- Warehouses/distribution centres
- Workshops
- Transshipment centres
- High-bay warehouses
- Printing works
- Construction/wholesale markets

Characteristics

- highly loadable
- high evenness
- resistant to water/fuel and mineral oil low shrinkage and cracking
- antistatic

dispac®

- largely jointless in the surface
- edge joints to rising components

displan®

- jointless in the surface
- edge joints to rising components
- concrete compression joints should be secured at the day joints using suitable joint profiles

dispacplan®

The heavy-duty industrial system floor!

Technical data

■ Substrate requirements

Filling in accordance with ZTV SoB-StB,
 $E_{v2} \geq 120 \text{ MN/m}^2$ and $E_{v2}/E_{v1} \geq 2, 3$
tested and verified on site

■ Installation conditions

dispac®

Minimum temperature $> 0^\circ\text{C}$
Roof closed as rainproof as possible,
base plate frost-free

displan®

Minimum temperature $+ 5^\circ\text{C}$
Roof and external facade closed rainproof
and draught-free,
base plate frost-free

■ Installation thickness

dispac®

Standard version: generally 18 cm, greater
installation thicknesses are possible

displan®

1,5 up to 2,5 cm, greater installation thick-
nesses are possible

■ Durabilities displan®

High resistance to water, fuels and mineral
oils (other resistances on request)

De-icing salt resistance

very high, comparable to a concrete
according to DIN EN 206 (DIN 1045) with
special properties

■ Thermal conductivity displan®

1.4 W/(mK) is to be used as the calculated
value

■ Daily performances

dispac®: 1.500 up to 2.000m²/day

displan®: 800 up to 1.400m²/day

The daily output depends on the size of the
area and the access routes to the mixing
site

■ Load capacity

In the standard version, surface loads of up
to 100 kN/m² and individual loads of up to
60 kN are possible from of commercially
available shelving systems are possible.
For higher loads, the base plate thickness
can be reinforced accordingly.

■ Prismatic strength displan®

Compressive strength $> 50 \text{ N/mm}^2$

Bending tensile strength $> 10 \text{ N/mm}^2$

■ Electrical discharge capability

Between 10⁶ and 10⁷ ohms (DIN EN 1081), no
static charge.

Suitable for potentially explosive atmosphe-
res in zones 0, 1, 20 and 21 in accordance
with workplace regulations.

(Permissible maximum value: 10⁸ ohms)

■ Evenness

dispac®

according to DIN 18202, point 5, table 3, line
2

displan®

according to DIN 18202, point 5, table 3, line
3,

according to DIN 18202, point 5, table 3, line
4 or according to DIN 15185 possible