

displan®

For medium and heavy-duty use

System description

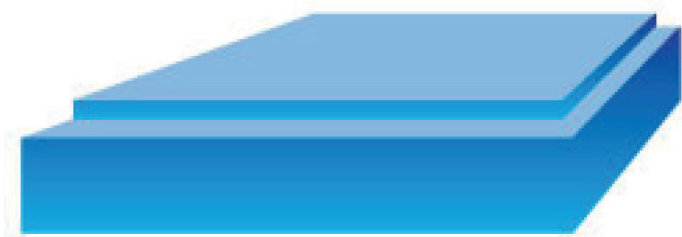
- Heavy-duty, plastic-modified industrial industrial flooring, 1.5 - 2.5 cm thick (Greater installation thicknesses are possible).
- The surface structure is subject to regional, technical and physical and building physics influences.

Area of application

- Production facilities
- Warehouses
- workshops
- transshipment centres
- High-bay warehouses
- printing works
- DIY stores

Characteristics

- Jointless in the surface (building expansion joints must be secured by suitable joint profiles)
- High load-bearing capacity
- High evenness
- Low shrinkage
- resistant to water, oil and chemicals
- closed, non-slip,
- natural grey
- De-icing salt resistance: Very high, comparable to concrete to DIN EN 206 (DIN 1045) with special special properties.



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Technical data

- **Installation conditions**
Minimum temperature + 5°C
Roof and external facade closed rainproof and draught-free,
base plate frost-free
- **Prismatic strength**
Compressive strength > 50 N/mm²
Bending tensile strength > 10 N/mm²
- **Adhesive tensile strength**
Adhesive tensile strength > 1,5 N/mm²
- **Curing times/load capacity**
Can be walked on after 3 days, fully loadable
after 7 days
loadable (at normal climate 20° C / 65 % relative
humidity)
- **Diffusion behaviour**
displan® is open to diffusion
- **Fire behaviour according to DIN 4102**
In accordance with the supplementary Flame
retardant according to the supplementary
regulations (building material class B1)
- **Electrical discharge capability**
Between 10⁴ and 10⁷ ohms (DIN 51 953), no static
charge.
Suitable for potentially explosive atmospheres in
zones 0, 1 and 10 in accordance with workplace
regulations.
(Permissible maximum value: 10⁸ ohms)
- **Evenness**
according to DIN 18202, point 5, table 3, line 3
according to DIN 18202, point 5, table 3, line 4,
according to DIN 18202, point 5, table 3, line 4 or
according to DIN 15185 possible

Description

- **Daily performances**
800 up to 1.200m²/day, The daily output
depends on the size of the area and the access
routes to the mixing site
- **Substrate requirements**
dispac® or concrete minimum quality C20/25
according to DIN EN 206 (1045-2), surface free
of from sludge, separating films and loose
components.
- **Installation**
displan® is produced directly on site and
installed using the latest laser technology.
displan® is laid from +5° Celsius.
Processing below +5° Celsius is not recommen-
ded as the curing time is too long. If the
temperature drops further temperatures may
result in frost damage.
Within the first 48 hours after laying, exposure
to water must be avoided.
- **Drying and setting times**
The drying and setting times of displan®
depends on the subsoil temperature, the subsoil
moisture, the air temperature and the relative
humidity.
At an average air temperature of 20° C and
humidity (65%), the soil can be walked on after
approx. 3 days and and can be fully loaded after
approx. one week.