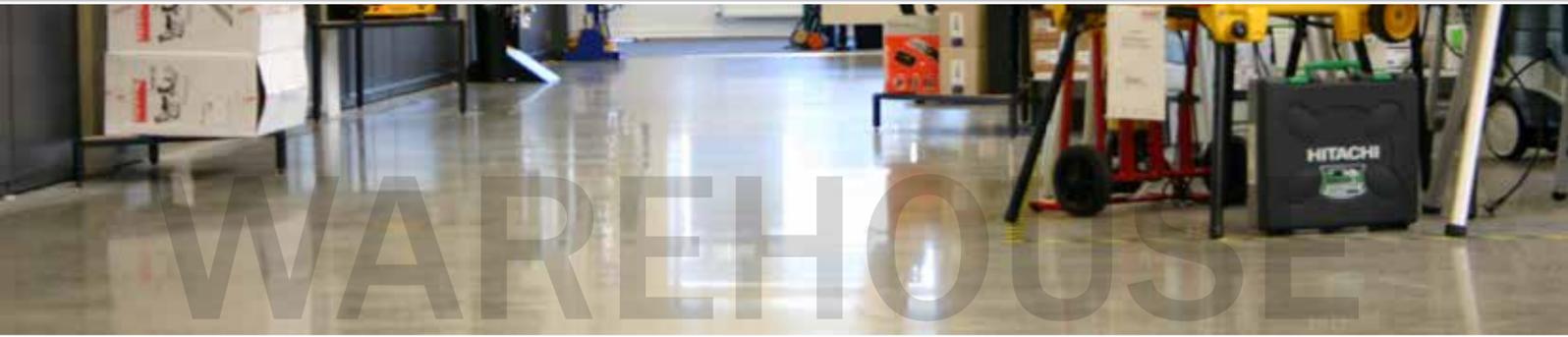


DENSIPHALT®



*Joint-free warehouse floors with driving
and walking comfort*



- Warehouses
- Pallet shelf storage
- Apron taxiways
- Low and high shelf storage
- Pick storage
- Cargo centres
- Distribution centres
- Goods terminals



Semi-flexible pavements for warehouses

Densiphalt®

– a semi-flexible and joint-free pavement proven to be an optimum solution in warehouses

Densiphalt® is a composite paving material that combines the flexible properties of asphalt with the static bearing capacity and durability of concrete. The pavement is constructed with a traditional roadbase and a Densiphalt® wearing course.

Floors for storage and warehouse facilities

The traffic from fork-lift trucks, pallet lifters and the loads from racking systems are factors that constantly stress and eventually damage the floor. The Densiphalt® floor is the natural choice to meet these challenges.

The activities in the storage and warehouse facilities expose the floor to many impacts and loads:

- Wear and tear from the continuous driving with fork-lift trucks etc.
- High point loads from the racking systems.
- Rutting from continual driving along the same routes.
- Impact from the handling of goods.
- Static loads from stacked goods.

These stresses can cause floor damage and deformation, leading to unsafe and less efficient goods handling, and unnecessary wear on the handling equipment.



Densiphalt® mortar.

Densiphalt®

- Is installed quickly and easily, for both new build and renovation
- Can be used after just 24 hours' curing at 20°C.
- Is available with surfaces to meet your requirements as regards appearance and non-slip qualities.
- Can form a foundation for other toppings such as epoxy paint or vinyl

High wear resistance

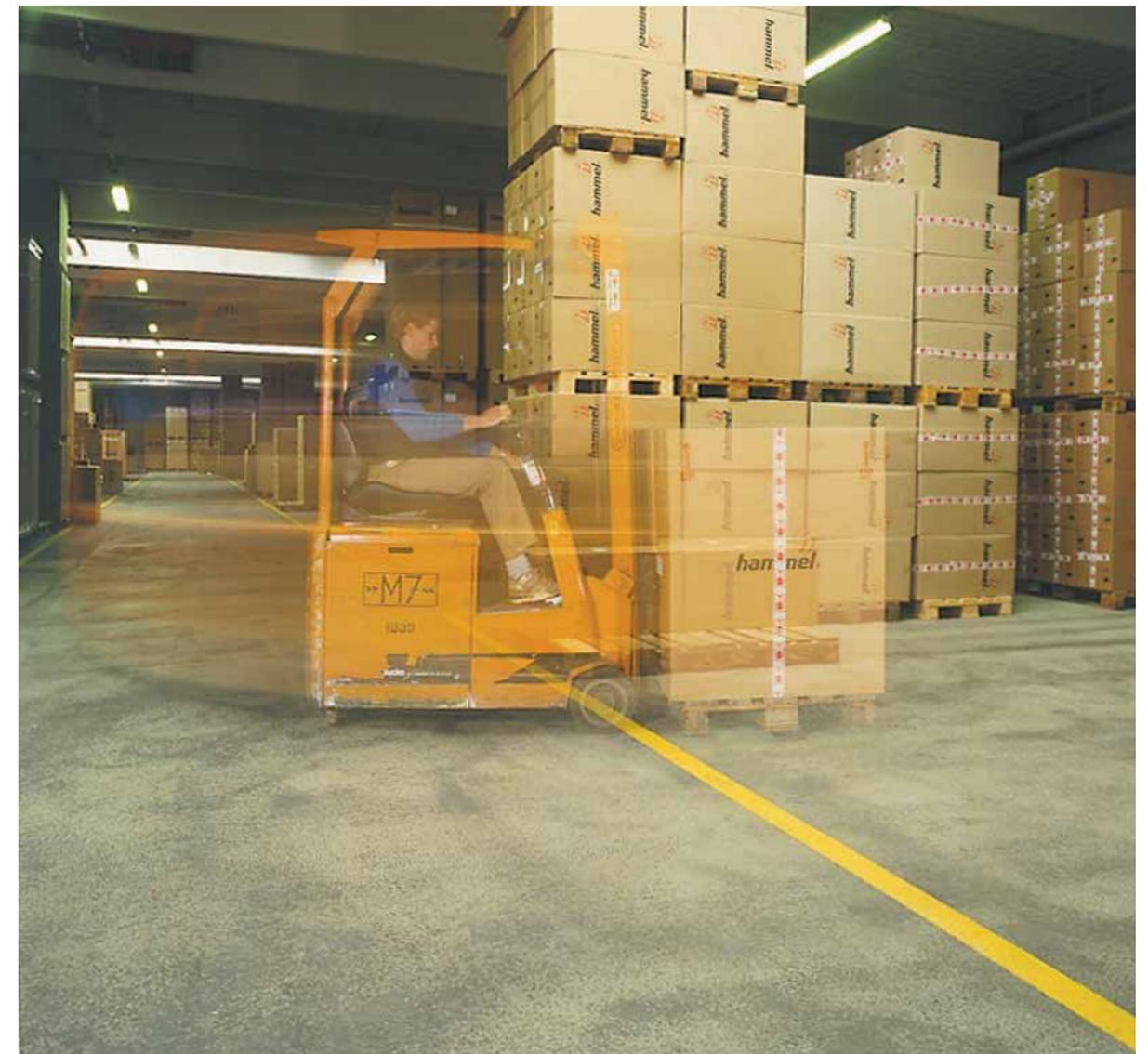
Densiphalt® has high wear resistance and can cope with dynamic stresses from goods handling and continuous traffic from fork-lift trucks, etc. This means resistance to rutting and a long service life.

High bearing capacity

Densiphalt® has the bearing capacity to withstand static loadings, in particular from racking systems.

Driving and walking comfort

Densiphalt® provides a level, even and joint-free floor with a non-slip surface. These qualities provide driving and walking comfort as well as easy, safe goods handling.



An economical solution

The fact that Densiphalt® is a durable joint-free topping that is simply and rapidly installed offers considerable advantages. In particular, little or no maintenance is required and there is no need for anti-dusting treatment. Furthermore, the resultant driving and walking comfort means easier, safer and faster handling of goods.

Densiphalt® therefore offers reduced costs in both the short and long term.

Densiphalt® technical data

Mortar component - Typical values

Compressive strength	Wear resistance	Freeze / thaw resistance
110 MPa	10 cm ³ /50cm ²	<0,1 kg/m ²
EN 12390-3	EN 13892-3	DS/CEN/TS 12390-9

Wearing course

Compressive strength	E-Modulus	Freeze / thaw resistance
8 MPa	8.000 MPa	<0,1 kg/m ²
EN 12504-1	(ASTM-D-4123/BS DD 213)	DS/CEN/TS 12390-9

Densiphalt®

The benefits:

- Excellent driving and walking comfort
- Joint-free floor
- Smooth and level
- High wear resistance
- High bearing capacity
- Minimum maintenance
- Swiftly and easily installed
- Early trafficking
- Superior resistance to rutting
- Easy to clean - anti-dusting treatment unnecessary
- Good slip resistance
- Long service life
- Pure mineral product

ITW Engineered Polymers - a strong partner for Flooring and Pavements around the world

ITW Engineered Polymers

ITW Engineered Polymers is a division of ITW (Illinois Tool Works). ITW is one of the world's most diversified industrial companies, with a sales turnover in 2012 of USD 18 billion. Established in 1912, today ITW employs over 65,000 people worldwide.

ITW businesses serve local customers and markets around the globe with specialized industrial equipment, consumables, and related service businesses.

ITW Engineered Polymers is a global supplier of chemical solutions targeting industrial manufacturers. ITW Engineered Polymers manufactures, markets and sells a wide variety of industrial technologies including High Performance Cementitious products, epoxy adhesives and chocking compounds, methacrylate adhesive and polyurethane coatings under leading brands such as Densit®, Ducorit®, Devcon® and Plexus®.

Densit®

Densit® is a brand of ITW Engineered Polymers. Since 1983, ITW Engineered Polymers has been specializing in the development, manufacture and supply of high performance solutions based on its Ultra High performance Cementitious (UHPC) Densit® material.

ITW Engineered Polymers is working in partnership with the ITW WindGroup to bring this unique global platform of grout solutions for offshore and onshore foundation installations into the market.

In addition to connecting offshore structures in the wind industry, UHPC Densit® materials are applied worldwide in other demanding areas such as wear and abrasion resistant solutions, the reinforcement of oil and gas platforms, industrial flooring and pavement and security barriers.

QUALITY ASSURANCE

ITW Engineered Polymers is certified to ISO 9001, ISO 14001 and OHSAS 18001.



ISO 9001 • ISO 14001
OHSAS 18001