

DENSITOP®



Impermeable and high strength floors

- Pork abattoirs
- Beef abattoirs
- Poultry processing
- Fish processing
- Meat processing
- Processing of other foodstuffs
- Cold rooms and freezers
- Freezer tunnels

Densit 

Impermeable and high strength floors for the fresh food industry

Densitop® floors

– ensure a hygienic and effective production in the fresh food industry

Densitop® is a cost-effective flooring solution.

Impermeability, minimum of joints, high wear resistance and fast application minimize operating costs such as maintenance, production downtime and repair.

Impermeability ensures hygienic environment

Hygiene is of utmost importance in the fresh food industry. This makes Densitop® an ideal flooring solution due to its impermeability and minimum of joints, leaving no possibility of bacterial growth.

Densitop® is also able to resist chemical attacks from blood, fat, fluids and salt. Furthermore it is resistant to repeated freeze-thaw cycles.

High strength endures cleaning and traffic

Densitop® floors withstand steam cleaning also at both low and high temperatures. Furthermore the high wear resistance and bearing capacity of the Densitop® floors endure traffic from forklifts trucks, trolleys and steel crates, and point loads from processing machinery.



Densitop in an abattoir.



Densitop® in a cold storage warehouse.



Cleaving of a Densitop® floor.

Application

Densitop® floors can be applied in a wet environment and they permit use 24 hours after the application is finished.

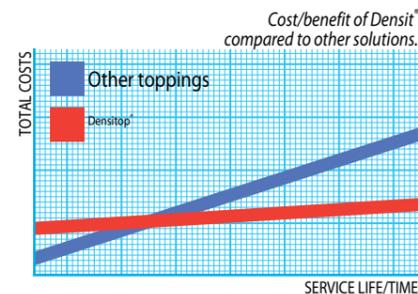
Safe surface

Densitop® flooring provides a safe working environment due to the skid-resistance of the surface. The skid-resistance can be further improved by shotblasting the surface.

Densitop® flooring

Densitop® flooring systems are based on a fine particle cementitious binder with high internal bond strength.

Combined with selected aggregates and Densitop® technology, the result is an extremely dense floor wearing course that is highly resistant to wear and tear.



Densitop® in the fresh food industry.

Densitop® in the fresh food

	DENSITOP® MT	DENSITOP® LT	FERROTOP™
Thickness:	8-12 mm	15-25 mm	23-27 mm (one mesh) 30-35 mm (two meshes)
Compressive strength:	100 MPa *) (EN 12190)	110 MPa *) (EN 12190)	120 MPa *) (EN 12190)
Wear resistance:	5,5-6,0 cm ³ / 50 cm ² *) (DIN 52108)	6,0-7,0 cm ³ / 50 cm ² *) (DIN 52108)	5,5-6,0 cm ³ /50 cm ² *) (DIN 52108)
Application:	High stress production areas exposed to temperatures from -60°C to 250°C	High stress production areas exposed to temperatures from -60°C to 250°C	High stress production areas exposed to temperatures from -60°C to 250°C

*) Both the compressive strength and the wear resistance of the Densitop® MT, LT and Ferrotop™ increase significantly when adding other high strength aggregates.

Densitop®

Three steps to a successful solution:

Densitop can assist from the initial material selection stage to the final installation of the floor.

Product selection

Densitop will help select the correct flooring type

Detailed specification

... is made according to the problems and solutions identified.

A competent and experienced contractor must carry out the application

Densit - a strong partner for Flooring and Pavements around the world

DENSIT ApS

Densit has more than 25 years of experience as provider of Ultra High Performance Concrete (UHPC) solutions for industrial strengthening and repair.

Since 1983, Densit has been specializing in the development, manufacture and supply of high-performance solutions, based on unique high-strength and dense Ultra High Performance Concrete (UHPC) Densit® materials.

In addition to provide flooring and pavements for highly exposed areas, the Densit® UHPC materials are applied worldwide in other demanding areas such as the reinforcement of oil and gas platforms, foundations for renewable energy solutions, wear protection and security barriers.

Densit is headquartered in Denmark. The company has subsidiaries, sales offices and experienced partners all over the world.

AN ITW COMPANY

Densit is part of the Illinois Tool Works Group with 875 business units in 54 countries - www.itw.com

QUALITY ASSURANCE

Densit is certified to ISO 9001, ISO 14001 and OHSAS 18001.



10-08-2010

Densit

Densit ApS

tel.: + 45 98 16 70 11

fax: + 45 88 18 49 79

e-mail: mail@densit.com

www.densit.com