

DENSITOP®



FRESHFOOD

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

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.



Cleaning 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.

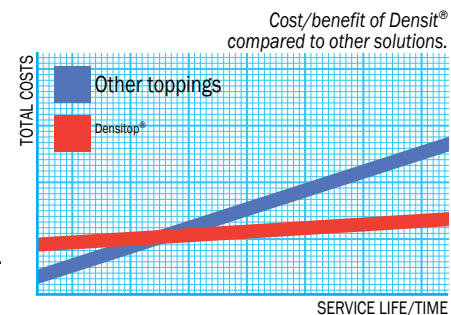
Safe surface

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 Densit® technology, the result is an extremely dense floor wearing course that is highly resistant to wear and tear.



Densitop® in the fresh food industry.

Densit® in the fresh food

	DENSITOP® MT	DENSITOP® LT
Thickness:	8-12 mm	15-25 mm
Compressive strength:	100 MPa *) (EN 12190)	110 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)
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

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

Densitop®

Three steps to a successful solution:

ITW Engineered Polymers can assist from the initial material selection stage to the final installation of the floor.

Product selection

ITW Engineered Polymers 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

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