

duraDUR®



Our Solutions: Your Floors

DURADUR® Coatings
Based on Reactive Resins

For Fast Installations in High Traffic Areas.



Product Properties at a Glance

The faster way to a new floor.

When selecting and specifying flooring, whether for new buildings or renovations, planners and builders must consider the time invested in installation as well as functionality and aesthetic appeal.

Flooring systems with DURADUR® synthetic coatings offer a highly efficient solution. Robust and resistant to mechanical and thermal loads, as well as chemical attack, they are also quickly installed. Freshly laid flooring can be walked on and used normally in just a few hours, so that prolonged work stoppages and shutdowns are avoided.

DURADUR® systems cure rapidly and are easily processed even at temperatures down to -30°C (-22°F).

DURADUR® Floor Coatings: For the most stringent requirements.

DURADUR® coatings are solvent-free, cold-curing systems for producing high quality flooring. Polymerization of the different system components occurs with the addition of a curing agent. DURADUR® based flooring systems are generally applied on concrete, screed, steel, wood or tiles. Successfully applied coats result in a seamless, highly functional floor.

In industrial and commercial flooring, DURADUR® coatings protect mineral surfaces from weathering effects, mechanical loads and chemical attack. As tested system components they meet the strictest hygiene requirements and improve workplace safety by their skid resistance.



Fast Curing

Only brief stoppages or shutdowns required. Ready for use after only a few hours.



Low-Temperature Curing

Can be applied at very low temperatures. Application in cold storage areas.



Interlayer Adhesion

DURADUR® Systems can be applied to one another and allows a modular approach to floor design which can be tailored to project requirements. Damaged surfaces are easily re-coated.



Expertise and Innovative Strength

Resin systems matched to project specifications. Continued development of eco-friendly resin systems.



Weathering and Aging Resistance

Long lifetime and service life. Application is also possible in open areas and on exterior surfaces.



Anti Microbial

Surface solution against bacteria and viruses.

DURADUR® coatings polymerize very fast and can be subjected to chemicals and mechanical load about two hours after application.

DURADUR® coating systems containing cure completely even at temperatures as low as -30°C (-22°F).

Due to an excellent mutual compatibility, the individual layers of DURADUR® systems bind particularly well to one another.

Nanopinturas produces the DURADUR® line of products, ready to use resins and mixtures, and has comprehensive expertise in the development and production of monomers, polymers, additives and coatings.

Floor and decking systems obtained after curing of DURADUR® are distinguished by extraordinarily high light and UV-resistance and long service life.



Selected Solutions using DURADUR® systems.

Cleanliness and Purity in the Food Processing Industry.

Floors in the food processing industry must comply with the provisions of the German Food Law, and be approved for the proposed use. DURADUR® systems have been certified by ISEGA as physiologically inert.

Wherever food is produced the main concern is cleanliness. However, joints in floors are hard to clean and susceptible to bacteria and molds, particularly in areas that are difficult to access.

DURADUR® Hygienic and easily cleaned. Ref. S418527

DURADUR® based systems are useful here. Being seamless and impermeable to liquids, they are easy to clean and offer limited foothold to molds.

Flooring systems with DURADUR® are ideal in the food industry, thanks to their high resistance to commonly used cleaning agents. This applies under the most challenging conditions: Even acids and alkalis cannot harm the flooring.

Surfaces with Anti Bacteria Properties.

Anti bacterial efficiency JIS Z 2801:2000, Staphylococcus Aureus, Escherichia Coli, germs that are responsible for secondary infectious diseases in clinical sector. ISEGA Test on mentioned germs at 24h 25C. reduction of 90,000 times of Staphylococcus aureus. & reduction 70,000 times of Escherichia coli. Results verify a high antibacterial activity against the tested germs.

APPLICATION AREAS

- Beverage filling, breweries, and wine cellars
- Fruit juice plants
- Milk and cheese industries
- Meat, poultry, and fish processing
- Deep-freeze storage





Heat and Grease-Resistant in the Catering and Restaurant Industry.

DURADUR® Anti-skid and robust. Ref: S418526

DURADUR® coatings are particularly suitable for easily cleaned, anti-skid, and hygienic surfaces in the catering industry. The DURADUR® seal coat is distinguished by high abrasion resistance as well as excellent resistance to hot water and grease, and is therefore ideally suited for wet areas.

APPLICATION AREAS

- Hotel and catering kitchens
- School, corporate and other
- Institutional cafeterias



A Solid Base for Retail and Industry.

Industrial and commercial flooring is exposed to considerable load, particularly from the passage of vehicles with small or large wheels, shopping carys, forklifts or pallet trucks. It must therefore be capable of withstanding high mechanical loads without showing signs of wear.

DURADUR® Tough stuff: Ref: S151165

DURADUR® systems have particularly high compressive strength and good abrasion resistance. And yet another advantage of DURADUR® comes to play here: Flooring based on DURADUR® is highly resistant to solvents and fuels.

APPLICATION AREAS

- Supermarkets and Cafes
- Retail outlets
- Selling or display areas
- Offices, warehouses, store rooms and production areas
- Pharmaceutical industry
- Laboratories
- Print shops, workshops
- Corridors and vestibules
- Maneuvering areas



Reliable Coating of Moist Substrates.

DURADUR® Makes moisture immaterial.

Substrates may often contain excess residual moisture or be unsuitable for conventional coatings after precipitation. This results in delays caused by additional drying measures or, if ignored, a high risk of floor failure.

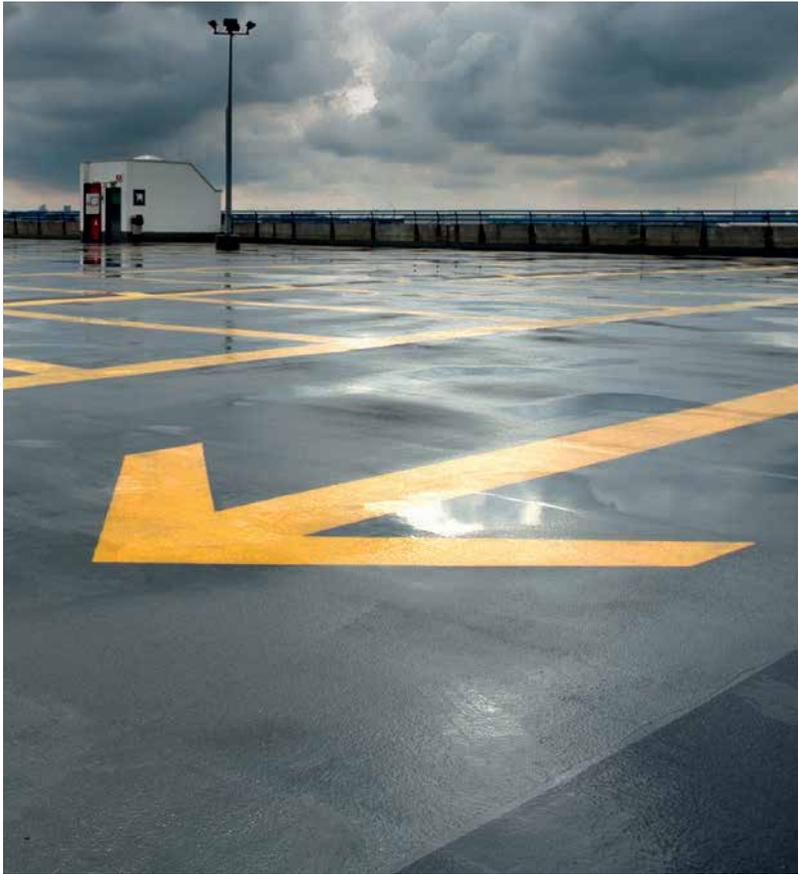
DURADUR® has been specially developed for damp substrates, it can bind securely to the substrate even in the presence of moisture. The primer thus saves considerable time in the coating process and provides the correct support for the coating.

Certified Solutions for Occupational Health and Safety.

Caution, slippery floor!

In workspaces where there is a risk of slipping, particularly in wet areas, floors must be made skid resistant as a preventive safety measure.

DURADUR® systems have been tested by the BGIA (Occupational Safety Institute in accordance with BGR 181 and DIN 51130 and certified for all common skid resistance levels (R9 - R13).



DURADUR® for circulation and storage areas are subjected to a wide range of loads

Outdoor Applications

DURADUR®: Functional systems installed outdoors brave all weathers. Flooring based on DURADUR® Ref: S332529 is especially suitable as flexible outdoor coatings. These are particularly heavily exposed to snow, rain, vehicular and public traffic. Whether in parking lots, balconies or zoo enclosures, DURADUR® can offer custom tailored systems for any application

APPLICATION AREAS

- Outdoor surfaces, loading ramps
- Parking areas, vehicle depots
- Production areas and warehouses
- subjected to heavy mechanical loads





**HIGHEST STANDARDS
OF QUALITY**



**ISO 9001:2008 CERTIFIED
ISO 14001:2009 CERTIFIED**

**DURADUR® flooring systems
Comply with food law
regulations and provide the
ideal basis for cleanliness and
hygiene in meat processing
companies, key advantages
include:**

- Easy to clean and resistant to commonly used cleaning agents.
- Anti Bacterial
- Limited permeability of bacteria and mold due to seamless application.
- Resistant to heat (hot water) and cold (storage rooms).
- Slip- resistant surfaces for workplace safety combined with individualized design options.
- Fast curing even at low temperatures to minimize downtimes.

Our DURADUR® products offer solvent free, cold-curing MMA resins for the formulation of high-quality flooring systems. These different systems can be applied to a wide variety of surfaces, e.g. concrete, cement, screed, steel or tiles.

Not only are they durable and resistant to mechanical, thermal and chemical stresses, but they can be fully subjected to loads just 2 hours after installation, avoiding prolonged work stoppages and downtimes. DURADUR® systems cure rapidly and are easily applied even at subzero temperatures, for instance in freezer rooms.

While we can provide the appropriate flooring system for your individual needs, you decide what the surface of your new floor should look like. The use of coloured sand or chips offers a broad variety of design options.

DURADUR® flooring systems have been certified by the ISEGA analytical laboratory inert.

NANOPINTURAS® has an integrated management system for environmental protection, safety, and quality, and is certified in accordance with the ISO 9001:2008 standards that are applicable worldwide.

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