



FLOOR COVERS AND SYSTEMS OF



The product range of high-quality coatings under DEKO floor brand are designed for both: construction companies and end-users. DEKO floor provides a wide range of products for flooring, from synthetic resins. The presented systems are with thinner or thicker layer, designed for protection and decorative finish of industrial and decorative flooring suitable for light and tough exploitation conditions.

The use of floor coatings based on resins (epoxy, polyurethane or acrylic) is becoming more and more necessary as their specific properties are essential in the context of increasing requirements for the application and exploitation of floor cootings.

A modern alternative to protect and decorate the floor cootings are epoxy based coatings. Finishing the system with them is recommended where the surface is required to have chemical resistance, to be easily cleaned and hygienised and to be resistant to mechanical stress and abrasion. The range of application of this type of product is extremely wide.

The products of DEKO floor series provide floor protection and decorative finish, which also plays the role of hydroinsulation. The product range of DEKO floor has different flooring systems with specific properties meeting all demands and requirements.



floor

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TABLE - example



Water resistant



Chemical resistant



Heavy traffic



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With no smell or with low content of VOC

Abrasion resistant

Fast dry



Easy to clean







RAL Cartel Tinting



floor

UNDERGROUND CAR PARKS, GARAGES, RAMPS



The basic requirements for floor cooting applied in the areas of underground car parks and garages are wear resistance, easy to clean, high atmospheric, low temperature and moisture resistance. The coating and the structure of the flooring are constantly subject to different weather conditions, such as salt - used against winter icing, aggressive mud, motor oils, etc.

DEKO floor meets all requirements of floor systems for these cases. The products are easy to apply, economical, with a wide choice of RAL colors, highly wear-resistant and with an option to achieve anti-slip effects.



| System type | System advantages | Products | Pictograms |
|---|---|--|------------|
| Polished concrete with dry shake hardener and impregnant (in closed areas) | Resistant to impact Protects the concrete from dust removal Improves the wear resistance of the floor coating | DEKO floor Top/Top QC DEKO floor AS 1 or DEKO floor Hard | |
| Polished concrete with dry shake hardener and sealant (in closed and opened areas) | Resistant to impact Protects the concrete from dust removal Improves the wear resistance of the floor coating | DEKO floor Top/Top QC DEKO floor AS 2 | |
| Smooth, Thin Layer * the system is also suitable to be applied on walls | Budget solution Easy to clean RAL colors | primer: DEKO floor BASE/ BRD/ Primer RD finish: DEKO floor Light*/ Exclusive/ Universal | |
| Smooth, Thick Layer | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal | |
| Structural, Thin Layer coating with effect "orange peel" RAL colors | Economical solution Easy to clean Coating with ant-slip effect | primer: DEKO floor BRD/ Primer RD intermediate layer: DEKO floor Universal/ Exclusive finish: DEKO floor Universal Thixo | |
| Structural with quartz sand broadcast **, Thick layer ** different structures of quartz sand define varying degree of anti-slip effect of the system | Strong wear resistance Anti-slip effect RAL colors | primer: DEKO floor BASE/BRD/ Primer RD basic coating: DEKO floor Universal + quartz sand** finish: DEKO floor Exclusive/ Universal | |

floor

LOGISTIC CENTRES AND WAREHOUSE AREAS



The premise where the finished products are stored is of the biggest importance for each one manufacturer. The warehouse area is exposed to intensive traffic, constant movement of various machines - forklifts, gaslifts or electric trucks. The floor cooting takes up the heaviest loading. DEKO floor meets all the requirements of logistics centers and warehouse areas. The coatings are shock-resistant, wear-resistant, anti-slip, with wide range of RAL colors.



DEKO floor

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| Polished concrete with dry shake hardener and sealant (in closed and opened areas) | Resistant to impact Protects the concrete from dust removal Improves the wear resistance of the floor coating | DEKO floor Top/Top QC DEKO floor AS 2 | |
| Smooth, Thin Layer | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal/ Extreme LD | |
| Structural with quartz sand broadcast **, Thick Layer ** different structures of quartz sand define varying degree of anti-slip effect of the system | Strong wear resistance Anti-slip effect RAL colors | primer: DEKO floor BASE/BRD/ Primer RD basic coating: DEKO floor Universal + with quartz sand finish: DEKO floor Exclusive/ Universal | $ \begin{array}{c} $ |





PRODUCTION AREAS AND PREMISES WITH DRY AND WET PROCESS



In the production premises, it is extremely important that the floor coating is resistant to loads, easy to clean, resistant to intensive traffic, wear-resistant, resistant to heavy-duty impacts, resistant to vibration.

DEKO floor meets these needs by providing different solutions for the floors of production premises and for dry and wet processes. System solutions are suitable for the chemical industry, the textile industry, etc.



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| Smooth, Thick Layer | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal | |
| Polyurethane cement based coating with different thickness LD – thickness of layer 2 – 4 mm MD – thickness of layer 4 – 6 mm HD – thickness of layer 6 – 9 mm CDM – Holkers | Excellent mechanical, thermic and chemical resistance Easy to clean RAL colors | Primer (optional): DEKO floor BRD/ Primer RD with quartz sand Basic coating: DEKO floor EXTREME LD/ MD/ HD/ CDM | |





floor

FOOD INDUSTRY



Bn the food industry, there are a number of requirements for the flooring like: to be disinfected, waterproofing, easy to clean, resistant to high thermal, chemical and mechanical stress, high wear resistance, smooth surfaces, etc. DEKO floor product range meets all these requirements. Different systems are suitable for slaughterhouses, dairies, butchers and sausages, soft drinks and alcoholic beverages etc.



DEKO floor

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DEKO floor

COMMERCIAL AND PUBLIC BUILDINGS



The floor in any public building should have resist to intensive pedestrian traffic, to have good decorative appearance and to be easy for cleaning. The floor coatings offered by DEKO floor meet all these requirements and are very suitable for shopping centers, shops, restaurants, schools, kindergartens, hospitals, offices and many other premises.



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| Polished concrete with dry shake hardener and sealant (in closed and opened areas) | Resistant to impact Protects the concrete from dust removal Improves the wear resistance of the floor coating | DEKO floor Top/Top QC DEKO floor AS 2 | |
| Smooth, Thin Layer [‡] [*] the system is also suitable to be applied on walls [*] (slices of color chips) | Budget solution Easy to clean RAL colors | primer: DEKO floor BASE/ BRD/ Primer RD finish: DEKO floor Light*/ Exclusive/ Universal + color chips (optional) **sealant: DEKO floor PU Sealant | |
| Smooth, Thick Layer * (color chips) | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal+ color chips (optional) *sealant: DEKO floor PU Sealant | |
| Structural, Thin Layer coating with effect "orange peel" RAL colors | Economical solution Easy to clean Coating with ant-slip effect | primer: DEKO floor BRD/ Primer RD intermediate layer: DEKO floor Universal/ Exclusive finish: DEKO floor Universal Thixo | |
| Structural with quartz sand broadcast **, Thick layer ** different structures of quartz sand define varying degree of anti-slip effect of the system | Strong wear resistance Anti-slip effect RAL colors | primer: DEKO floor BASE/BRD/ Primer RD basic layer: DEKO floor Universal + quartz sand** finish: DEKO floor Exclusive/ Universal | |

PRODUCTION PROCESS IN "CLEAN PREMISES"



Each production process has specific needs. In the so-called "clean premises", the floor must be smooth, easy to clean, dust free, wear-resistant, with low or even zero VOC content, etc.

DEKO floor product range provides solutions that meet the requirements of these premises. Product systems are used in pharmaceutical manufacturing, hospitals, clinics, laboratories, optical plants, etc.



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| System type | System advantages | Products | Pictograms |
|---|--|--|------------|
| Smooth, Thin Layer* * the system is also suitable to be applied on walls ** (color chips broadcast) | Budget solution Easy to clean RAL colors | primer: DEKO floor BASE/ BRD/ Primer RD finish: DEKO floor Light*/ Exclusive/ Universal + color chips (optional) **sealant: DEKO floor PU Sealant | |
| Smooth, Thick Layer * (color chips broadcast) | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal + color chips (optional) *sealant: DEKO floor PU Sealant | |





SERVING AND RELATED PREMISES: CAR SERVICE, ENGINE ROOMS, CONTROL ROOMS, SERVICE ROOMS, HANGARS ETC.



Each service and related premise has its own floor requirements. For example, easy to clean, chemically resistant, have a resistance to mechanical shock, anti-slip effect, etc.

DEKO floor offers different solutions covering all these requirements. Floor coatings from DEKO floor product range are suitable for workshops, service spaces, command rooms, engine rooms, hangars etc.



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| Smooth, Thick Layer | Economical solution Easy to clean RAL colors | primer: DEKO floor BRD/ Primer RD finish: DEKO floor Universal | |
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| Polyurethane cement based coating with different thickness LD – thickness of layer 2–4mm MD – thickness of layer 4–6mm HD – thickness of layer 6 – 9mm CDM – Holkers | Excellent mechanical, thermic and chemical resistance Easy to clean RAL colors | Primer (optional): DEKO floor BRD/ Primer RD quartz sand Basic layer: DEKO floor EXTREME LD | Image: Second |







Two-component deeply penetrating epoxy primer

Use:

- Seals the pores of the concrete and is used to prime the substrate with a moisture content of <4%. Creates the necessary adhesion before applying DEKO floor finishing epoxy and polyurethane products
- Primer for DEKO floor Universal, LIGHT и EXCLUSIVE epoxy floor systems

Properties:

- Low viscosity
- Very good deep penetrating
- Excellent adhesion
- **Suitable substrates:** Concrete

Package: Comp. A: 3 kg, 10 kg; Comp. B: 3 kg, 10 kg **Consumption:** ~ 0,2 kg/m² **Appearance:** Component A – transparent liquid; Component B – brawny liquid



DEKO FLOOR PRIMER RD

Two-component primer, VOC-free, used for substrates with humidity up to 4%.

Use:

- For priming before DEKO floor epoxy coating
- Used as a binder upon application of epoxy levelling and filling mortars
- Properties:
- Excellent adhesion to concrete substrates;
- Low viscosity, excellent penetration
- High bond strength, easy to use
- Suitable substrates: Concrete

Package: Comp. A: 4 kg, 10 kg, 200 kg, 1000 kg; Comp. B: 2 kg, 5 kg, 200 kg, 1000 kg **Consumption:** ~ 0,3 - 0,5 kg/m² **Appearance:** Component A - transparent liquid; Component B - brawny liquid







Transparent two-component epoxy primer, VOC-free, used for substrates with humidity up to 6%

Use:

- For priming before DEKO floor epoxy coatings
- Used as a binder upon application of epoxy levelling and filling mortars.

floor

- Properties:
- Excellent adhesion with concrete substrates;
- Low viscosity;
- Excellent penetration
- High adhesive strength
- Suitable substrates: Concrete

Package: Comp. A: 6 kg, 15 kg, 200 kg, 1000 kg; Comp. B: 2 kg, 5 kg, 200 kg, 1000 kg **Consumption:** ~ 0,3 – 0,5 kg/m² **Appearance:** Component A – white liquid; Component B – transparent liquid





DEKO FLOOR HYDRA Primer for wet substrates

Use:

- Two-component epoxy primer used at application of polymer floor coatings over very wet substrates (over 6% humidity in the substrate)
- Properties:
- Solvent-free, low odor 100% non-volatile content
- Does not require extra drying time of wet substrates -improves the implementation time of the floor system;
- Waterproof, excellent adhesion to concrete substrates;
- Applied on wet substrates without standing water;
- Excellent penetration, high adhesive strength
- Suitable substrates: Concrete

Package: Comp. A: 14,4 kg; Comp. B: 6 kg **Разход:** ~ 0,3 – 0,5 kg/m² **Appearance:** Component A – gray liquid; Component B – transparent liquid







DEKO FLOOR LIGHT

Two-component solvent-based thin-film epoxy flooring

Use:

- For implementation of interior epoxy floorings with medium resistance to traffic and chemicals.
- The product is not suitable for premises with constant exposure to humidity and vapors.
- Properties:
- Excellent adhesion over concrete substrates
- Resistant to chemical and mechanical stress
- · Can be applied over horizontal and vertical substrates
- Suitable substrates: Concrete

Package: Comp. A: 15 kg, 200 kg; Comp. B: 4 kg, 165 kg **Consumption:** ~ 0,13 – 0,15 kg/m² **Apperance:** Transparent color with wide range of RAL colors



DEKO FLOOR EXCLUSIVE

Colored two-component solvent-free thin-film epoxy coating

Use:

- Coating applied by roller over concrete and cement substrates with normal to medium load eg: warehouse and assembly premises, repair workshops, garages and loading ramps, etc.
- Sealant over system of products, incl. quartz sand
- Properties:
- Excellent adhesion over concrete surfaces
- · Resistant to chemical and mechanical loading
- Excellent wear-resistance, liquid impermeability
- Glossy surface, economical
- Suitable substrates: Concrete

Package: Comp. A: 20 kg; Comp. B: 4 kg **Consumpton:** ~ 0,4 – 0,6 kg/m² **Appearance:** RAL colors



DEKO FLOOR UNIVERSAL

Colored self-levelling epoxy floor coating Two-component self-levelling solvent-free epoxy floor coating

floor

Use:

- For protection of concrete floors subjected to normal to medium mechanical stress (hospitals, laboratories, warehouses, kitchens, schools, showrooms, shops, garages, retail outlets).
- Multifunctional product that can be applied as a finishing sealing layer on system with sands, and as self-leveling floor coating

Properties:

- Resistant to mechanical stress• Лесно полагане
- Dense and smooth surface (when used smooth system)
- Anti-slip surfaces (when used systems with sands)
- Solvent-free, good chemical resistance
- Resistant to chemical substances
- **Suitable substrates:** Concrete

Package: Comp. A: 19 kg, 190 kg; Comp. B: 5,1 kg, 204 kg **Consumption:** ~ 2,0 kg/m² **Appearance:** Transparent color and RAL colors





Package: Comp. A: 19 kg; Comp. B: 5,1 kg Consumption: ~ 0.6 - 0.8 kg/m² Appearance: RAL colors

DEKO FLOOR UNIVERSAL THIXO

Colored thixo epoxy floor coating, solvent-free used to achieve a texture surface

Use:

- For protection of concrete floors in premises subject to normal to medium mechanical stress (hospitals, laboratories, warehouses, kitchens, schools, showrooms, shops, garages, retail outlets, underground parking lots).
- Floor coating which meets the requirements of premises with light anti-slip effect and easy to clean.
- As a solution improving the general appearance of the floor in premises and areas with pre-filled differences in levels and curvatures at the base, by the so-called surface effect "orange peel"
- Properties:
- Resistant to mechanical stress
- Anti-slip surface (type "prange peel")
- Good chemical resistance
- Suitable substrates: Concrete





DEKO FLOOR AS - 1

Transparent impregnantion for concrete floor coatings One-component VOC-free acrylic resin, based on water dispersion

Use:

- As sealant over polished concrete surfaces.
- As impregnantion/coating to reduce and remove dusting of concrete floors, cement broadcasts, etc.
- Properties:
- Excellent adhesion to concrete substrates
- Low viscosity
- Excellent penetration
- Not yellowing
- Suitable substrates: Concrete

Package: 28 kg, 10 kg Consumption: ~ 0,10 - 0,25 L/m²/layer Appearance: White liquid

.



DEKO FLOOR AS - 2

Transparent/colored sealant for concrete floor coatings One-component solvent based acrylic resin

Use:

- As sealant over polished concrete surfaces.
- As impregnantion/coating to reduce and remove dusting, for improving hydrophobic properties of concrete floors, cement broadcasts etc. in inside and outside areas
- Properties:
- Excellent adhesion with concrete substrates
- Low viscosity
- Not yellowing
- Suitable substrates: Concrete

Package: 20 kg, 5 kg Consumption: ~ 0,10 – 0,25 L/m²/layer Appearance: RAL colors



DEKO FLOOR HARD

Silicate based impregnation Deep penetrating hardener for cement flooring

- Use:
- DEKO floor Hard is silicate, water based product with low viscosity, with deep penetrating properties. It penetrates a few centimeters in depth and, when dried, improves the cohesion of cement surfaces

floor

- Properties:
- Improving in depth the concrete surfaces with a friable surface or improving the mechanical resistance;
- Improving of cement broadcasts that break down or emit dust (caused by interruption of hydration or deficiency of binder)
- For impregnation and as an anti-dust primer on cement foundations.
- Suitable substrates: Cement flooring

.



Package: 25 kg Manual application: ~ 1,5 - 2,5 kg/m² Mechanical application: ~ 3 - 5 kg/m² Appearance: grey

DEKO FLOOR TOP/ DEKO FLOOR TOP QC Broadcast for polished concrete / Broadcast for polished concrete from guartz-corund

Use:

- DEKO floor Top Surface hardener from pure quartz for industrial concrete floors subject to high loads; For protection of concrete floors in industrial and commercial premises subject to heavy load and intense movement
- DEKO floor Top QC Surface hardener from quartz- corund for industrial concrete floors subject to high loads; For floors in production workshops and warehouses, airports, logistics centers, car parks, shopping centers, ramps and more
- Properties:
- Specially designed for outside application
- Resistant to high temperature amplitudes
- Resistant to salt used against winter icing
- Suitable substrates: Fresh concrete

Package: 25 kg Consumption: ~ 0,5 - 0,7 kg/m² Appearance: transparent









DEKO FLOOR EXTREME LD/ MD/ HD

High-strength polyurethane – cement based self-levelling flooring Three-component polyurethane-cement based floor self-levelling broadcast with different thickness

- Use:
- To be applied in areas with medium to high mechanical stress and abrasion, in combination with chemical and thermal impact, as follows:
 - production premises with dry or wet process in food industry
 - refrigeration premises
 - Laboratories
 - Chemical industry
 - areas, subject to heavy stress and abrasion.
- Properties:
- Excellent adhesion over concrete surfaces
- Very high resistance to chemical and mechanical stress
- Easy to apply
- Keeps its properties over a wide temperature range: -30° to +120°C without breaking the connection with the concrete base
- Excellent wear resistance
- VOC free
- Suitable substrates: Concrete

| Consumption: |
|---------------------|
| ~ 2,0 kg/m² |
| Appearance: |
| blue, red, green, |
| grey, yellow, beige |

| Package: | HD | MD | LD |
|-------------|---------|---------|---------|
| Component A | 2.5 kg | 2.65 kg | 2.34 kg |
| Component B | 2.5 kg | 3.20 kg | 2.10 kg |
| Component C | 20.0 kg | 20.0 kg | 6.00 kg |









DEKO FLOOR EXTREME CDM

Three-component polyurethane-cement solution used for forming holkers and finishing details for the connection floor-walls, with thickness 2,0 - 9,0mm

floor

Use:

 In combination with other products from range DEKO floor EXTREME used for forming holkers in premises subject to extreme impact by mechanical stress, in combination with chemical and/or thermal impact, as follows:

-production premises with dry or wet process, in food industry, areas subject to thermal shock

- refrigeration premises
- Laboratories
- Chemical industry
- areas, subject to heavy stress and abrasion

Properties:

- Excellent adhesion over concrete surfaces
- Very high resistance to chemical and mechanical stress
- Keeps its properties over a wide temperature range: -30° to +120°C without breaking the connection with the concrete base
- Excellent wear resistance
- VOC free
- Suitable substrates: Concrete

Package: Comp. A: 2.5 kg; Comp. B: 2.5 kg; Comp. C: 20 kg Consumption: ~2,0 kg/m² Appearance: blue, red, green, grey, yellow, beige



REFERENCES











REFERENCES











floor



