



Build on it.  
Work on it.  
Live on it.

The coating systems for your  
groundbreaking production.

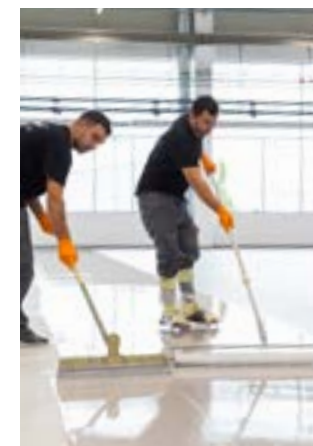
**viacor.**  
— Live on it.

# viacor.

THE WELL-ESTABLISHED, GO-TO  
COMPANY FOR INNOVATIVE AND  
INDIVIDUAL SYNTHETIC RESIN  
FLOORING.

We, **VIACOR** Polymer GmbH, based in Rottenburg am Neckar, offer our customers a large variety of floor coating systems, from classic flooring systems through to highly durable, conductive, decorative or chemical-resistant special systems and car park coatings.

Our sports flooring brand, **PORPLASTIC**, includes flooring for sports centres, athletic tracks in stadiums, tennis courts, multifunctional fields and fall-protection surfaces in its range.



# CONTENT

S. 04  
**VIASOL**  
INDUSTRIE SYSTEMS

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S. 06  
**AUTOMOTIVE**

S. 08  
**CHEMICALS**

S. 11  
**ELEKTRONICS**

S. 12  
**FOOD & BEVERAGE**

S. 14  
**LOGISTICS**

S. 16  
**MECHANICAL ENGINEERING**

S. 18  
**PHARMACEUTICALS**

S. 22  
**TECHNICAL INFORMATION**

S. 27  
**SYSTEM OVERVIEW**

S. 31  
**THE FAST EXPRESS SYSTEMS**

# INDUSTRIAL SYSTEMS



**ELECTRONICS, AUTOMOTIVE, FOOD, CHEMICALS,  
PHARMACEUTICALS, MECHANICAL ENGINEERING  
AND MANY OTHER INDUSTRIES USE THE FUNCTIONAL FLOOR COATINGS FOR THEIR USABLE AREAS.**

Modern sustainable construction serves to protect people and the environment and already begins in the planning phase. The complete life cycle of a building is taken into account, from the planning to the selection of the building materials to the demolition. The **VIACOR** floor coating systems fulfill all standards for sustainable building to an above-average degree and are easy to use.

Die **GREEN LINE ECO VIASOL** systems are solvent-free, low-emission, sustainable floor coating systems certified with the **TÜV PROFICERT-product Interior certificate**.

The **TÜV PROFICERT-product Interior certificate** also confirms compliance with the emission limit values according to the following regulations:

- Germany: AgBB with increased requirements on the VOC limit value after 28 days
- France: Emission class A+ according to the French VOC regulations
- Belgium: Emission class according to the Belgian VOC regulations
- Finland: Finnish M1 classification (odour test and odour compatibility)
- BREEAM: Exemplary Level
- LEED v4



The systems also satisfy the MVV TB Verification – Annex 8 with the classification PREMIUM. This primarily concerns health and hygiene requirements for the protection of the health and well-being of people. Components and building materials can contribute through emissions to contamination of the room air and may considerably compromise health. (DIBt – German Institute of Building Technology)

Functional floor coatings are an important component of commercial production facilities and are important in order to ensure trouble-free production processes. Depending on the area of application and the industry, a floor system makes a decisive contribution to compliance with quality standards.

The intensity of the mechanical load and the type of materials to be processed determine the requirements for the functionality of the coating. For example, sensitive processes such as the manufacture of computer chips are not feasible without a conductive floor. And chemical production facilities are only allowed with tested and approved floor systems according to the building authority principles for water protection coatings (German Federal Water Act, section 62).

The **VIACOR** floor coating systems have been developed to meet the requirements for certain areas of application. However, they can of course be created, structured and adapted to suit a customer-specific application. This depends on the requirements, on the mechanical, thermal and chemical loads, on the low level of emissions, the appearance and further individual wishes of the client.

Obtaining professional advice is a good idea when planning a new building or the renovation of a production facility. In particular in the case of renovation, an on-site inspection by our specialists to check the substrate is recommended.





# AUTOMOTIVE

/ CONDUCTIVE

/ MECHANICALLY LOAD-BEARING

/ ANTI-SLIP from R9-R13

/ RESISTANT TO CHEMICALS

A changing industry! The automotive industry is currently facing radical changes that present both challenges and opportunities: customer requests for smart extras and the climate change necessitate a rapid development in areas such as digitisation, ecology, electrification and automation..

Differentiation features that car manufacturers offer are digital and networked applications in the cockpit. Like the Smartphone, service offerings such as infotainment, predictive maintenance and Connected Cars are generating a new business model with SaaS („Software as a Service“).

But not just the vehicles are changing: in addition to digitisation, the electrification of the drives necessitates entirely new manufacturing processes. Sustainable production facilities with future-oriented, climate-friendly installations are decisive for success.

The future production halls in the automotive industry place the highest demands on the industrial floors. Properties such as conductivity, mechanical and chemical load-bearing capability, trafficability and slip resistance, the avoidance of tripping hazards and wear resistance are the minimum requirements for the floor system. In particular in facility management, not only the practicality of the products is important, but also their sustainability, and development will play an increasingly important role for consumers and employees in future.





# CHEMICAL

/ HIGH RESISTANCE TO CHEMICALS - WHG

/ LIQUID-TIGHT

/ JOINTLESS - no dirt and tripping hazards

/ EASY TO CLEAN with steam pressure cleaner (steam or cold water)

In addition to the operational requirements, legal requirements must also be met when processing chemical substances. The Federal Ministry of the Environment, Nature Conservation and Nuclear Safety (BMU) declared the protection of bodies of water for the health of the population, for the preservation of natural resources and as a prerequisite for economic development. as indispensable. Since water-polluting substances lead to adverse changes in the water quality, they must not enter groundwater under any circumstances. Therefore, when processing water-pollutants, tested and approved floor systems must be laid in accordance with the building authority principles of the German Federal Water Act (Section 62 WHG). The protection of groundwater is a top priority for all production facilities that works with hazardous substances.

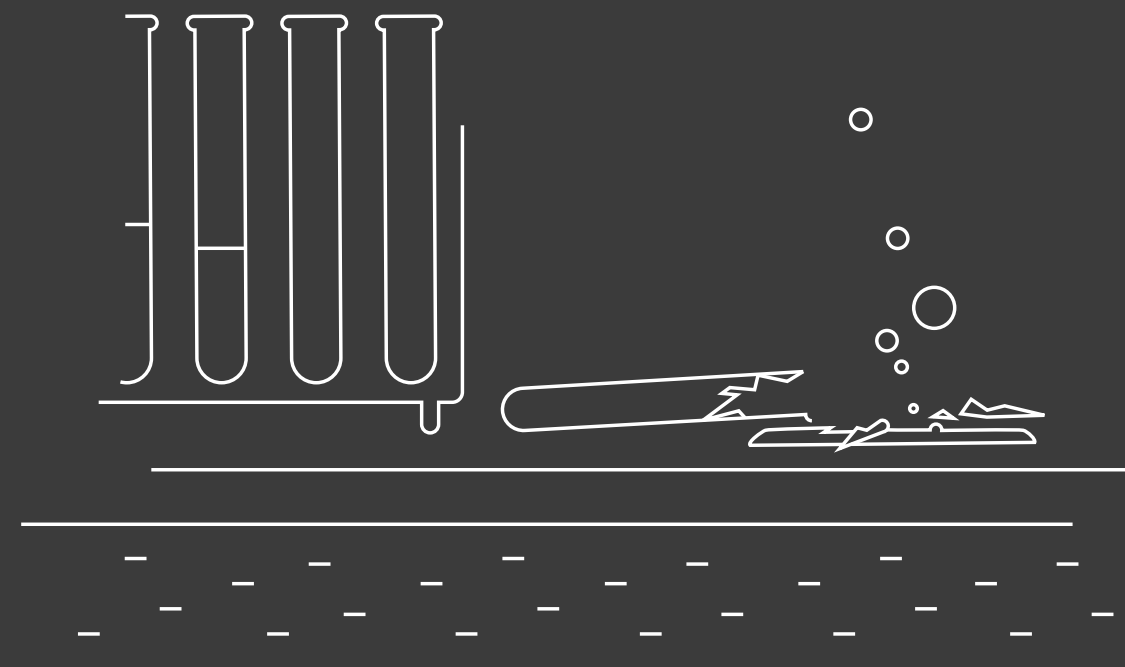
Depending on the composition, chemical substances can react very aggressively when they come into contact with other substances. Therefore, floor coatings must be highly chemically resistant and substances such as acids, alkalis or oils must not cause any impairment of the floor system.



In order to protect the production staff, walkable and trafficable surfaces must be anti-slip and must not present tripping hazards. This makes it all the more important that drains and gutters are integrated into the floor covering in such a way that a homogeneous, flat surface is created. A seamless coating system distinguishes by secure footing even in wet conditions and with puddle formation.

In addition to the standard requirements, there are other criteria that must be met depending on the scope of application. The **VIASOL WHG neo conductive** system is not only a highly mechanically and chemically resistant floor, but also electrically conductive and antistatic..

**WHG** floor coatings from **VIACOR** withstand chemical loads in accordance with legal requirements – in normal operation as well as in the event of an accident. Constant laboratory and production controls confirm the consistent quality of the products in each batch. The execution of the **WHG** coating by approved specialist companies guarantees functionality on site.



**WHG FLOOR COATINGS WITHSTAND  
CHEMICAL LOADS IN ACCORDANCE WITH  
THE LEGAL REQUIREMENTS**



# ELEKTRONICS

/ AS / ESD / ATEX ZONE

/ ANTI-SLIP from R9-R13

/ EASY TO CLEAN with steam pressure cleaner (steam or cold water)

/ MECHANICALLY LOAD-BEARING

Electrostatic charges pose a threat to components and assemblies in the electronics industry. Sensitive components include electronic, electrical and optoelectronic elements. The following applies: The higher the integration, the smaller the parts and the higher the performance, the more dangerous the electrostatic charges. Electrostatic charging can be the cause of expensive warranty damage, especially in the case of semiconductors, SMD capacitors, circuits in high-frequency technologies, diode lasers or field-effect transistors.

To protect these products, so-called ESD areas are established in processing (ESD = electrostatic discharge). These consist exclusively of conductive materials. The floor In particular, as the largest surface, must be conductive. The dissipative **VIASOL ESD** and **conductive** coating systems in combination with ESD footwear transport electrostatic charges reliably and immediately away from the point of origin.

Static discharges due to high voltages can lead to explosions wherever flammable or explosive substances are produced. The requirement for these „Atex zones“ – e.g. solvent stores and warehouses for combustible substances, production facilities for handling combustible dusts and chemicals, as well as surgical and intensive care rooms – makes it mandatory to install dissipative floors.

The electrically conducting coating systems **VIASOL UNIVERSAL voltex**, **VIASOL DESIGN conductive** or **VIASOL PERM conductive** avoid parasitic charges and prevent the risk of explosion. It is important to maintain these coatings professionally.





# FOOD & BEVERAGE

- / **HYGIENIC SURFACES** - jointless and seamless
- / **EXTREME THERMAL SHOCK RESISTANCE**
- / **COLD RESISTANT** up to -45 °C
- / **HIGH SLIP RESISTANCE** - even with flour and water on the surface
- / **HIGHLY MECHANICALLY LOAD-BEARING**

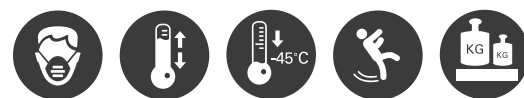
In food production, floors are subjected to high chemical, mechanical and thermal loads. However, resistance to these loads is not the only requirement for industrial floors: the safety of the employees must be guaranteed on the often wet floor. The **VIACRETE** coatings offer high individual safety. Depending on the requirements, a slip resistance from R 9 to R 13 can be chosen, which enables all requirements for food production to be met.

The floors are stressed by daily cleaning with chemical cleaning agents and disinfectants. Breweries, dairies, butchers and manufacturers of other foods therefore need a non-slip, waterproof and thermally resistant floor system.

The **VIACRETE** industrial floors withstand the continuous hot water load, but also have a very good thermal shock resistance to alternating hot and cold water stresses. Cleaning is greatly simplified by the seamless coating and the chemical resistance. In addition, they have the advantage that microorganisms and germs cannot settle in the floor covering due to the closed-pore and seamless surface. Also, **VIACRETE** floor coverings are characterised by resistance to staining by food and liquids.



Time is money, and in the food industry raw materials, substances and products are constantly being loaded and transported. The daily driving of forklifts, pallet trucks and trolleys over the **VIACRETE** coatings leaves no traces of abrasion.





# LOGISTICS

/ WEAR RESISTANT

/ HIGH LOAD-BEARING CAPABILITY - static and dynamic loads

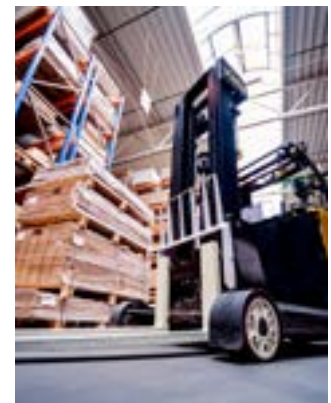
/ TRAFFICABLE

/ EVEN SURFACES - according to DIN 15185

The importance of logistics is constantly growing in all companies. This has to do with the globalisation of markets, the individualisation of products and the digital consumer behaviour of customers. Supply chain management covers the entire value chain of a company with the sub-divisions procurement logistics, production logistics, distribution logistics and disposal logistics.

The storage of goods and consumables means heavy work for the floor coating. The floor must withstand static and dynamic loads on a daily basis. Static loads act on the shelf supports of heavy-duty shelves with a field load of up to 30 t.. Concrete surfaces are often overloaded by this and have a too low compressive strength. This problem can be solved with an appropriate floor coating. The surface of the floor coating must have a corresponding hardness and must not give way or chip off even under point loads.

Due to transport by trucks, forklifts, pallet trucks and storage and retrieval machines, heavy tensile and compressive loads act on the floor surface. Especially when loading or unloading the top shelf compartments, the tyres are strongly pressed against the surface. The coating must be able to withstand up to 800 kg/cm<sup>2</sup> and must be wear-resistant to the abrasion by the tyres.



In high-bay warehouses, which are now mostly operated automatically, sufficient evenness must be achieved to prevent the vehicles rocking. According to DIN 15185, the height difference for one metre area may be only 1.5 mm for a forklift lifting height of greater than 6.01 m during automatic operation. The levelling of the **VIASOL** industrial floor systems impresses with its very good self-levelling capability and guarantees precise flatness.



STATIC AND DYNAMIC LOADS UP TO 800 KG/CM<sup>2</sup>  
AND A PRECISE EVENNESS - THAT DISTINGUISHES  
VIASOL INDUSTRIAL FLOORS.



# MECHANICAL ENGINEERING

- / MECHANICALLY LOAD-BEARING
- / CHEMICALLY RESISTANT
- / CONDUCTIVE
- / ANTI-SLIP - from R9-R13
- / FIRE SAFETY CLASSIFICATION B<sub>fl</sub>-s1

Mechanical engineering is one of mankind's oldest industries. The first mechanical engineering plants already existed as far back as 700 BC; to this day, engineering remains important for social progress. Machine drives from fire to steam and from steam to electronics improved living standards in all walks of life.

For the locations of the production facilities, this means a conversion or renovation of the facilities. The floor in particular must meet the new requirements. The use of mobile devices such as transport trolleys and robots requires a non-slip and homogeneous surface. The intelligent factory is a high-tech solution that is sensitive in some areas and requires conductive industrial floors.

In addition, the classic mechanical and chemical loads of equipment, transport vehicles and machinery must be taken into account. Absolute all-rounders in the field of flooring systems are absolutely necessary here.

Expert advice is recommended when planning a new building or a renovation of production facilities. Especially in the case of a renovation, an on-site visit by our specialists to check the substrate is recommended.





# PHARMA

/ BACTERIOSTATIC

/ HYGIENIC SURFACES - jointless and seamless

/ HIGH CHEMICAL RESISTANCE

/ EASY TO CLEAN with steam pressure cleaner (steam or cold water)

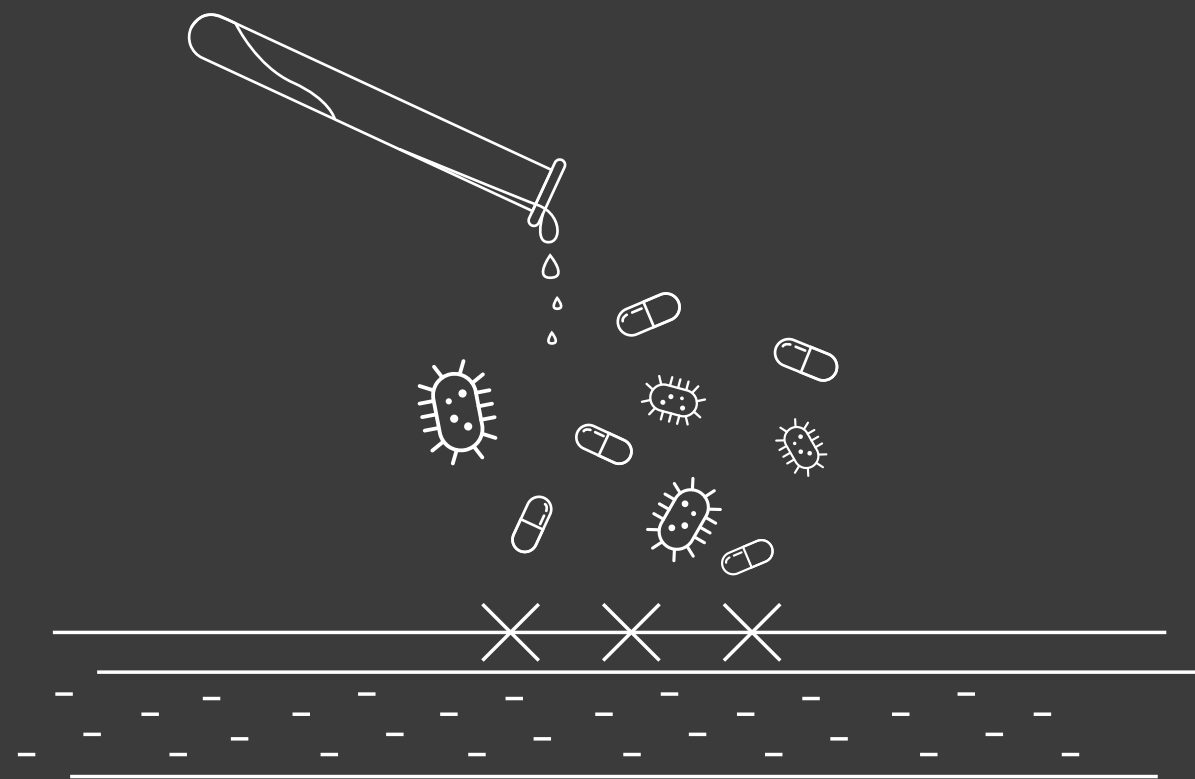
Human health and well-being are fundamental, and so, especially in times of pandemics, the importance of research and development in the pharmaceutical sector has become even clearer. The pharmaceutical industry is constantly growing and with it the demands of laboratories and production facilities.

In line with the requirements profile of the pharmaceutical industry, the **VIASOL** systems for the pharmaceutical sector were developed. The pore-free, jointless and homogeneous floor coating is hygienic, dust-free, low-soiling and easy to clean. The surface is also non-slip and withstands heavy mechanical, chemical and thermal loads. Special floor systems are used in ESD areas and areas subject to the Federal Water Act or in zones with potentially explosive atmospheres. All detailed connections such as drains, wall connections, columns, gutters or expansion joints can be made completely even and seamless. This prevents dirt and tripping hazards.

The **VIASOL** systems for the pharmaceutical sector are solvent-free, sustainable and certified floor coating systems. The TÜV PROFiCERT-product Interior (PREMIUM) certificates meet, among other things, the EMISSION requirements of BREEAM, LEED v4, AgBB and the Finnish M1 standards. The systems also provide the MVV TB Verification - Annex 8. This primarily concerns health and hygiene requirements for the protection of the health and well-being of people. Components and building materials can contribute through emissions to contamination of the room air and may considerably compromise health. (DIBt – German Institute of Building Technology)



There are no limits to the design of these floor systems – all colours and colour combinations are possible. The UV-resistant and colour-stable systems also have a very good resistance to discoloration due to chemical substances, food and spices.



**VIASOL INDUSTRIAL SYSTEMS FOR THE  
HIGHEST DEMANDS - HYGIENIC, MECHANICALLY  
AND CHEMICALLY RESISTANT, CONDUCTIVE,  
JOINTLESS AND MUCH MORE.**







# TECHNICAL INFORMATION

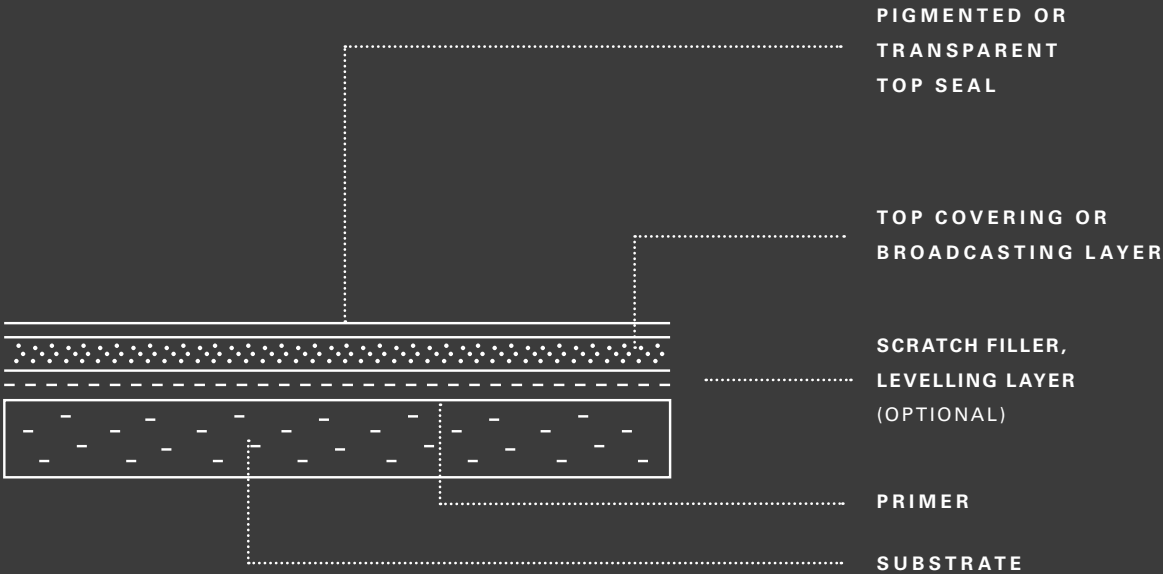
- AREAS OF APPLICATION:**
- / AUTOMOTIVE AND LOGISTICS
  - / ELECTRONICS
  - / MECHANICAL ENGINEERING
  - / FOOD & BEVERAGE
  - / CHEMICALS AND PHARMACEUTICALS

**VIASOL INDUSTRIAL SYSTEM PROPERTIES:**

- |  |   |
|--|---|
|  <b>HYGIENIC SURFACES</b>                   |  <b>CHEMICALLY RESISTANT</b>   |
|  <b>HACCP-CERTIFIED</b>                     |  <b>SIGNIFICANT TOUGHER SURFACE</b>  |
|  <b>GMP</b><br>meets the GMP standards      |  <b>ABRASION RESISTANT</b>   |
|  <b>IFS</b><br>meets the IFS standards      |  <b>TEMPERATURE- &amp; SHOCK RESISTANT</b>                                     |
|  <b>ISEGA</b><br>meets the ISEGA guidelines |  <b>EASY TO CLEAN &amp; MAINTAIN</b>   |
|  <b>EARLY WATER RESISTANT</b>               |  <b>FIRE CLASSIFICATION B<sub>fl</sub>-s1</b><br>in accordance with EN 13501-1 |
|  <b>SOLVENT-FREE</b>                        |  <b>JOINTLESS</b>  |
|  <b>ANTI-SLIP</b><br>from R9-R13            |  <b>UV-RESISTANT &amp; COLOUR STABLE</b>                                       |
|  <b>DISSIPATIVE/CONDUCTIVE</b>              |  <b>EVEN SURFACES</b><br>according to DIN 15185                                |

- |   |   |
|---|---|
|  <b>BACTERIOSTATIC</b>   |  <b>MECHANICALLY LOAD-BEARING</b><br>by static and dynamic loads |
|  <b>COLD RESISTANT</b><br>up to -45 °C                                       |  <b>TRAFFICABLE</b>  |
|  <b>LIQUID-TIGHT</b>   |  <b>NATURAL QUARTZ</b>   |
|  <b>WEAR RESISTANT</b>   |  <b>COLOURED QUARTZ</b>  |
|  <b>TRAFFICABLE AND ABRASION RESISTANT</b>                                   |  <b>FAST PROCESSING</b>  |
|  <b>EXTREMELY LOW EMISSIONS</b><br>according to AgBB, M1 and other standards |  <b>BRIGHT &amp; FRIENDLY APPEARANCE</b>                         |
|  <b>VAPOUR PERMEABLE</b>   |  <b>NO DISCOLORATION</b>   |
|  <b>STRUCTURED SURFACE</b>  |  <b>MANY COLOUR VARIETIES</b>                                   |
|  <b>COST-EFFECTIVE</b>   |  <b>PERMANENT WETNESS LOAD</b>                                 |

**VIASOL INDUSTRIAL SYSTEMS**





SYSTEM COMPARISON

System	Short description	Material group	Mechanical resistance	Chemical resistance	Tested low-emis-sion systems available (GREEN LINE ECO)	UV-resis-tant sealing available	Available R-classes (slip resistance)	Electrically conductive version available
VIACRETE	Mechanically and ther-mally high load-bearing coating systems with cementitious components	PU-Beton	●	●	x	x	R9–R13	-
VIASOL COMPACT	Mortar-based coating systems for high loads	EP	●	●	x	x	R9–R10	-
VIASOL DESIGN	Decorative coating systems with numerous design options	EP	●	●	x	x	R9–R12	x
VIASOL PERM	Vapour permeable coating systems for the avoidance of bubble formation	EP	●	●	x	x	R9–R11	x
VIASOL PROTECTIVE	Economical thin coatings	EP/PU	●	●	-	x	R9–R12	-
VIASOL UNIFLEX	Versatile, configurable tough-elastic coating systems for numerous applications	PU	●	●	x	x	R9–R12	x
VIASOL UNIVERSAL	Versatile, configurable hard coating systems for a wide range of applications	EP	●	●	x	x	R9–R12	x
VIASOL WHG	Coating systems approved under the Federal Water Act	EP	●	●	-	-	R9–R10	x

x = available

AREAS OF APPLICATION

System	Automotive	Chemicals	Electronics	Food & Beverage	Logistics	Mechanical engineering	Pharma-ceuticals
VIACRETE HF high-temp – GREEN LINE ECO				x	x		
VIACRETE HF SR – GREEN LINE ECO				x	x		
VIACRETE MF standard (UV) – GREEN LINE ECO				x	x		
VIACRETE MF standard SR (UV) – GREEN LINE ECO				x	x		
VIACRETE MF standard SR – GREEN LINE ECO				x	x		
VIACRETE MF standard – GREEN LINE ECO				x	x		
VIASOL COMPACT – GREEN LINE ECO	x	x		x	x	x	x
VIASOL COMPACT color	x	x		x	x	x	x
VIASOL DESIGN QCV – GREEN LINE ECO	x			x		x	x
VIASOL DESIGN QCV conductive – GREEN LINE ECO	x		x			x	x
VIASOL DESIGN QCV pharma GREEN LINE ECO	x			x		x	x
VIASOL DESIGN QCV – GREEN LINE ECO	x			x		x	
VIASOL PERM – GREEN LINE ECO	x				x	x	
VIASOL PERM conductive – GREEN LINE ECO	x		x		x	x	
VIASOL PERM protective – GREEN LINE ECO	x						
VIASOL PERM SR – GREEN LINE ECO	x				x	x	
VIASOL PROTECTIVE	x				x	x	
VIASOL PROTECTIVE rapid	x			x	x	x	
VIASOL PROTECTIVE structure	x	x		x		x	
VIASOL UNIFLEX – GREEN LINE ECO	x	x			x	x	x
VIASOL UNIFLEX conductive / ESD – GLE	x		x		x	x	x
VIASOL UNIFLEX cuisine SR				x			
VIASOL UNIFLEX SR – GREEN LINE ECO	x			x		x	
VIASOL UNIVERSAL – GREEN LINE ECO	x	x		x	x	x	x
VIASOL UNIVERSAL	x	x		x	x	x	x
VIASOL UNIVERSAL ESD – GREEN LINE ECO	x		x			x	x
VIASOL UNIVERSAL HBV		x		x	x	x	x
VIASOL UNIVERSAL HBV SR	x	x		x		x	x
VIASOL UNIVERSAL HBV voltex	x	x	x		x	x	x
VIASOL UNIVERSAL HBV voltex SR	x	x		x		x	
VIASOL UNIVERSAL high-impact – GREEN LINE ECO	x				x	x	x
VIASOL UNIVERSAL SR – GREEN LINE ECO	x	x		x	x	x	x
VIASOL UNIVERSAL SR	x	x		x	x	x	x
VIASOL UNIVERSAL voltex – GREEN LINE ECO	x		x		x	x	x
VIASOL UNIVERSAL voltex	x		x		x	x	x
VIASOL UNIVERSAL voltex SR – GREEN LINE ECO	x		x	x		x	
VIASOL WHG neo classic	x	x			x	x	x
VIASOL WHG neo conductive	x	x	x		x	x	x

x = suitable

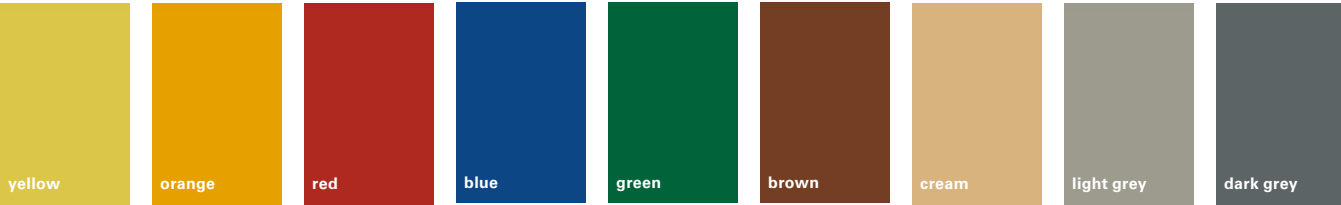


COLOURS

Examples of RAL colours



VIACRETE



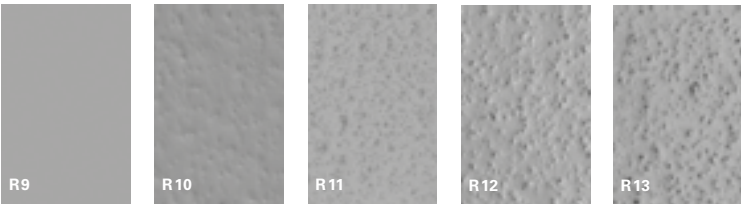
Examples of quartz sand mixtures for the VIASOLDESIGN QCV systems



**Note:** Note: Deviations in colour, gloss and surface structure are possible.  
The colours on the screen display or print may differ from the original colours.

VISUAL DIFFERENCES BETWEEN ANTI-SLIP SURFACES

R 9 – R 13



VIACRETE



VIACRETE MF standard - GREEN LINE ECO	
VIACRETE MF standard SR - GREEN LINE ECO	
VIACRETE MF standard SR (UV) - GREEN LINE ECO	
VIACRETE MF standard (UV) - GREEN LINE ECO	
VIACRETE HF high-temp - GREEN LINE ECO	
VIACRETE HF SR - GREEN LINE ECO	



VIASOL COMPACT



VIASOL COMPACT - GREEN LINE ECO	
VIASOL COMPACT color - GREEN LINE ECO	



VIASOL DESIGN



VIASOL DESIGN QCV - GREEN LINE ECO	
VIASOL DESIGN QCV conductive - GREEN LINE ECO	
VIASOL DESIGN QCV pharma - GREEN LINE ECO	
VIASOL DESIGN QNV - GREEN LINE ECO	



VIASOL PROTECTIVE



VIASOL PROTECTIVE

VIASOL PROTECTIVE rapid



VIASOL PROTECTIVE structure



VIASOL UNIVERSAL



VIASOL UNIVERSAL - GREEN LINE ECO



VIASOL UNIVERSAL

VIASOL UNIVERSAL ESD - GREEN LINE ECO



VIASOL UNIVERSAL HBV



VIASOL UNIVERSAL HBV SR



VIASOL UNIVERSAL HBV voltex



VIASOL UNIVERSAL HBV voltex SR



VIASOL UNIVERSAL high-impact - GREEN LINE ECO



VIASOL UNIVERSAL SR - GREEN LINE ECO



VIASOL UNIVERSAL SR



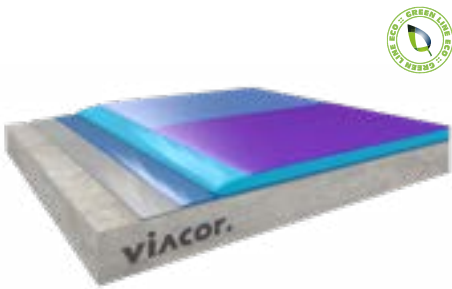
VIASOL UNIVERSAL voltex - GREEN LINE ECO



VIASOL UNIVERSAL voltex



VIASOL UNIVERSAL voltex SR - GREEN LINE ECO



VIASOL WHG



VIASOL WHG neo classic

VIASOL WHG neo conductive



VIASOL UNIFLEX



VIASOL UNIFLEX - GREEN LINE ECO



VIASOL UNIFLEX conductive / ESD - GREEN LINE ECO



VIASOL UNIFLEX cuisine SR



VIASOL UNIFLEX SR - GREEN LINE ECO



VIASOL PERM



VIASO PERM - GREEN LINE ECO



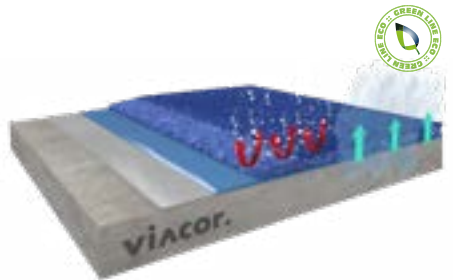
VIASOL PERM conductive - GREEN LINE ECO



VIASOL PERM protective - GREEN LINE ECO



VIASOL PERM SR - GREEN LINE ECO





# EXPRESS SYSTEMS

ELECTRONICS, AUTOMOTIVE, FOOD, CHEMICALS,  
PHARMACEUTICALS, MECHANICAL ENGINEERING  
AND MANY OTHER INDUSTRIES USE THE FUNCTIONAL  
FLOOR COATINGS FOR THEIR USABLE AREAS.

Functional floor coatings are an important component of commercial production facilities and are important in order to ensure trouble-free production processes. Depending on the area of application and the industry, a floor system makes a decisive contribution to compliance with quality standards. The **VIACOR** floor coating systems have been developed to meet the requirements for certain areas of application. However, they can of course be created, structured and adapted to suit a customer-specific application. This depends on the requirements, on the mechanical, thermal and chemical loads, on the low level of emissions, the appearance and further individual wishes of the client.

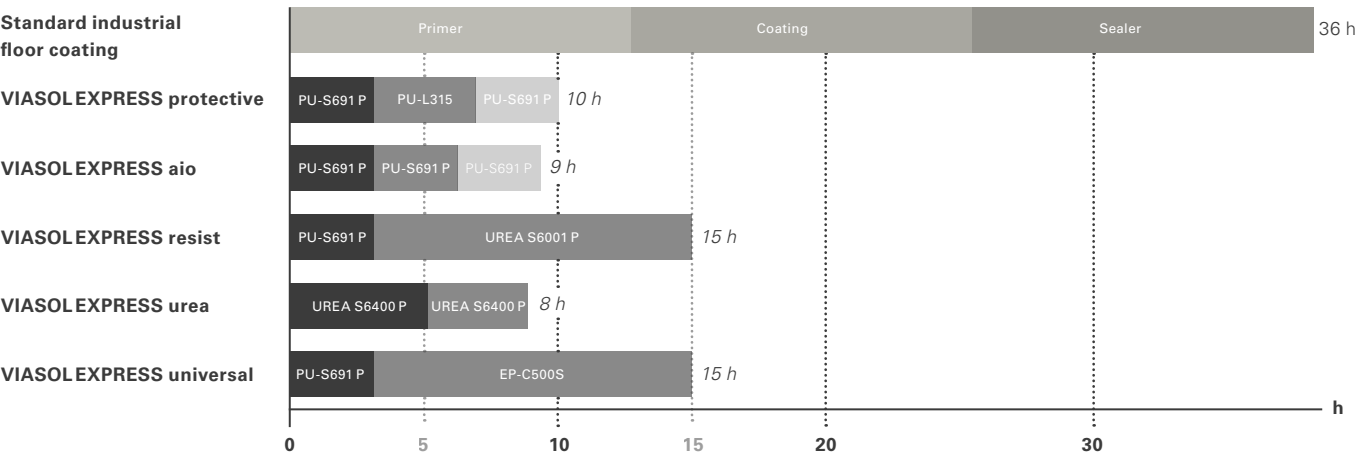
Time is increasingly becoming the critical success factor for industrial companies. The renovation of an industrial floor generally means the complete standstill of production over the entire duration and thus a 100 % loss of turnover. This standstill can often be more expensive than the actual floor renovation. Due to their short coating and curing times, **VIASOL EXPRESS** floor systems minimise the duration of the turnover loss and enable fast resumption of normal operation. At the same time, the material properties meet the highest demands and offer a suitable system structure for every purpose. **VIASOL EXPRESS** is the ideal solution whenever speed is essential.





## COMPARISON OF THE SPEEDS OF THE EXPRESS SYSTEMS

TIME UNTIL WALKABILITY (PROCESSING & CURING) \*



\*Assumed processing conditions: 15 °C, 40% rel. humidity, 200 m<sup>2</sup> area (approx. 1 h processing per work step)

## SYSTEM COMPARISON

System	Processable within a day <sup>1</sup>	Time until early water resistance (top coat)	UV-resistant	Available in numerous colours	Available R-classes (slip resistance)	System layer thickness	Special feature
VIASOL EXPRESS protective	x	3h	x	x	R10–R12	2,0–4,0 mm	Crack-bridging
VIASOL EXPRESS aio	x	3h	x	x	R10–R12	1,5–3,0 mm	One product – three applications
VIASOL EXPRESS resist	x	3h	x	x	R11	2,0–3,0 mm	Particularly wear-resistant
VIASOL EXPRESS urea	x	3h	x	x	Smooth	0,5–1,5 mm	Highly mechanically load-bearing with low layer thickness
VIASOL EXPRESS universal	x	24h	-	x	Smooth	1,5–2,5 mm	Cost-efficient

<sup>1</sup> 15–25°C, ≥ 40% rel. humidity, ≤ 200m<sup>2</sup>  
x = available



VIASOL EXPRESS protective



Primer VIASOL PU-S691 P – drying time 3 h

Broadcasting layer VIASOL PU-L315 – curing time 4 h

Sealer VIASOL PU-S691 P – curing time 3 h

Walkable after 10 h



VIASOL EXPRESS aio



Primer VIASOL PU-S691 P – curing time 3 h

Broadcasting layer VIASOL PU-S691 P – curing time 3 h

Sealer VIASOL PU-S691 P – curing time 3 h

Walkable after 9 h



VIASOL EXPRESS resist



Primer VIASOL PU-S691 P – curing time 3 h

„ready-to-use“ wear layer VIASOLUREA S6001 P – curing time 12 h

Walkable after 15 h



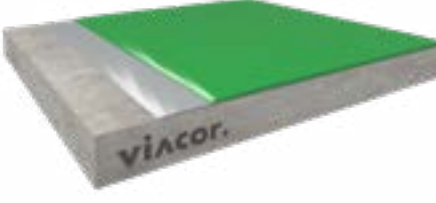
VIASOL EXPRESS urea



Primer VIASOL UREA S6400 P – curing time 4 h

Sealer VIASOL UREA S6400 P – curing time 4 h

Walkable after 8 h



VIASOL EXPRESS universal



Primer VIASOL PU-S691 P – curing time 3 h

Self-levelling coating VIASOL EP-C500 S – curing time 12 h

Walkable after 15 h



Assumed processing conditions: 15 °C, 40% rel. humidity, 200 m² area (approx. 1 h processing per work step)





# FLOORING SYSTEMS!

Functional  
Floor Coatings.

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