



Slip-resistant Systems

VIASOL **UNIVERSAL SR**

VIASOL **UNIFLEX SR**

viacor.

VIASOL SYSTEMS



Slip-resistant systems for safe and hygienic floors

Wherever there is a risk of slipping, the floor should ensure a safe working environment, as well as guaranteeing hygienic and germ-free surroundings. Defined non-slip levels and ease of cleaning are the main factors in this scenario. In both regards, VIASOL coatings are superior to other types of flooring such as tiles, where the joints are a constant source of potential hazards and dirt.

We include carefully selected minerals or micro glass pearls in the polymer matrix. We compose the synthetic resins in a way that allows a perfect and problem-free execution of details such as connections to channels. And it goes without saying that VIASOL slip-resistant systems floors also look good.

SYSTEM BENEFITS

- jointless, slip-resistant finish levels ranging from fine-grained to coarse structure
- hygienic, non-porous and liquid tight
- wear resistant, capable of bearing medium mechanical loads
- good chemical resistance and very good abrasion resistance
- complies with the EU food industry regulations (Food Act)
- easy to clean, suitable for steam-cleaning systems
- resistant to backward moisture penetration
- available in a wide range of colours or coloured quartz combinations (VIASOL **DESIGN**)

SYSTEM INFORMATION

Three-layer coating or broadcast system with slip-resistant surface

Applicable regulations:

BGIA – German Institute for Occupational Safety and Health:

BGR 181 (Rules on Occupational Safety and Health)

Floors in working rooms and working areas with a risk of slipping (October 1993)

DIN 51130 "Testing of floor coverings – Determination of the anti-slip properties – Workrooms and fields of activities with slip danger, Walking method – Ramp test"

| Angle of inclination Ramp | slip-resistance class | Minimum volume | Displacement |
|---------------------------|-----------------------|-------------------------------------|--------------|
| 6 – 10° | R9 | 4 cm ³ /dm ³ | V4 |
| > 10 – 19° | R10 | 6 cm ³ /dm ³ | V6 |
| > 19 – 27° | R11 | 8 cm ³ /dm ³ | V8 |
| > 27 – 35° | R12 | 10 cm ³ /dm ³ | V10 |
| > 35° | R13 | | |

Recommendations based on BGR 181:

| | |
|------------------|---|
| R11 - R12 | Milk processing, chocolate and confectionery manufacture, bakery and pastries |
| R12 V4 - R13 V10 | Slaughtering, meat and fish processing, vegetable processing |
| R11 V4 / R12 V4 | Kitchens, drink manufacture |
| R9 - R10 | Dining rooms, dry health service rooms, laundries (dry), schools, kindergartens |

Properties:

Easy to clean and maintain, suitable for machines with rotating brushes and high-pressure cleaning equipment

SECTORS

Canteens

Wet processing areas

Large kitchens
Food stuffs industry

Abattoirs

Drinks industry

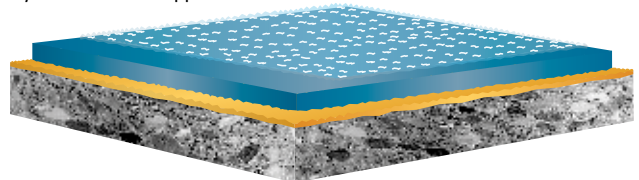
Catering businesses



VIASOL UNIVERSAL SR10

| | | |
|-----------------------------|--|----------------|
| Seal coat | transparent or coloured, with micro pearls | EP water-based |
| Coating | coloured, self-levelling | EP-based |
| Adhesive Primer | | EP-based |
| Substrate / concrete | | |

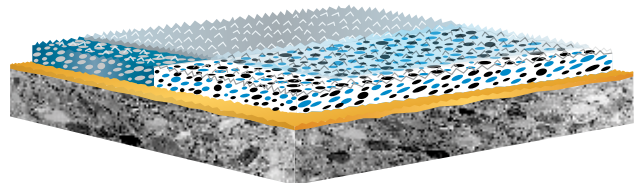
The slip-resistant coating system with outstanding mechanical and chemical properties for surfaces with stringent demands in terms of occupational safety and hygiene
System thickness approx. 2 – 4 mm



VIASOL UNIVERSAL SR11 */SR12*

| | | |
|-----------------------------|---|----------|
| Seal coat | transparent or coloured, optional up to R13 | EP-based |
| Broadcast layer | coloured binder with natural quartz | EP-based |
| Adhesive Primer | | EP-based |
| Substrate / concrete | | |

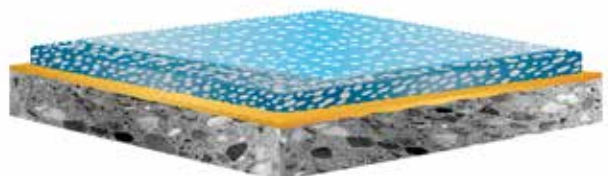
The slip-resistant coating system with outstanding mechanical and chemical properties for surfaces with very stringent demands in terms of occupational safety and hygiene, available in a range of slip-resistance levels
System thickness approx. 2 – 5 mm



VIASOL UNIFLEX SR

| | | |
|-----------------------------|-------------------------------------|-----------------|
| Seal coat | coloured | EP- or PU-based |
| Broadcast layer | coloured binder with natural quartz | PU-based |
| Adhesive Primer | | EP- or PU-based |
| Substrate / concrete | | |

The slip-resistant, semi rigid coating system for areas with stringent demands in terms of occupational safety and hygiene
System thickness approx. 2 – 4 mm



Variations in system structure and layer thicknesses possible

Layer by layer your individual floor

VIACOR **Portfolio** – the tailor-made product for every application

VIASOL **SYSTEMS** – flooring systems for industrial and public floors

VIASOL **DECK** – state-of-the-art car park flooring systems

VIASEAL **SPRAY COATS** – advanced waterproofing

VIASAN **BUILDING PROTECTION** – for high-quality concrete repair

PORPLASTIC **SPORTS FLOORS** – for outdoor and indoor use, for sports and leisure

VIACOR **Perspective** – green and sustainable

the aim of keeping our planet a good place to live for the future reigns our company

- use of polyurethane as a natural renewable raw material from the castor oil plant
- fillers and pigments from natural sources e.g. quartz sands
- concentration on water-based and solvent free products
- a sustainable investment: VIASOL floors are long-lasting and can be easily revitalized for an even longer lifetime
- we control the processes of purchase, production, the products themselves and their application to be environmentally friendly



VIACOR **Global Presence**

German Technology – products and floorings around the world

Trinidad, Hongkong, Singapore, Romania, Australia, England, Austria, India, Malaysia, Greece, Norway, Vietnam, Hungary, Austria, Ireland, Thailand, Latvia, Bosnia, Netherlands, Qatar, Russia, Croatia, Slovenia, Egypt, Belarus, Switzerland, Luxembourg, Indonesia, Mauritius, Algeria, Canada, Serbia, Finland, Chile, Saudi-Arabia, Turkey, Venezuela, Peru, Colombia, Macedonia, Brazil, Czech Republic, US, Peru

Slip-resistant Systems



... for each and every demand.



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