CONICA

CONICA INDUSTRIAL & DECORATIVE FLOORING

Quality and competence – for over 40 years

www.conica.com

Industrial & Decorative – floor systems

SYSTEM SOLUTIONS FOR ALL REQUIREMENTS

CONICA has 45 years of extensive expertise and experience in developing, manufacturing and installing floor systems. We offer system solutions for a wide range of applications:
– Industrial flooring
– Parking facility coatings
– Decorative flooring for public buildings
– Seals based on spray and liquid membranes
– Binders for stone carpets

The demands on functionality, resistance, resilience and aesthetics vary considerably depending on the area of application. Correspondingly, the products are designed according to the latest findings in the development department and then intensively tested in practice. The aim is to offer our customers product and system solutions that meet their requirements 100%.

In addition to ready-to-use system solutions, we also offer special products that can be used under special conditions, such as low temperatures or short processing windows. Our customers receive individual floor coatings, suitable for demanding requirements, based on professional advice.

CONICA AG, Schaffhausen, Switzerland

RELIABILITY AND PRECISION

CONICA was founded in 1977 in Schaffhausen, Switzerland and represents typical Swiss values such as precision, agility and reliability. CONICA operates worldwide and supplies customers in over 70 countries. In addition to the site in Schaffhausen, CONICA also has a manufacturing site in the United Kingdom and sales companies in the USA.

At our Schaffhausen site, production is carried out with automated and process-driven technology, which is why CONICA can guarantee consistently high quality at any time and anywhere in the world. Production is focused on the manufacture of polyurethanes and epoxy resins. Special semi-finished goods such as prepolymers are also manufactured for industrial customers.

CONICA has been independently developing products and solutions for the market since 1977. These decades of experience are continuously channelled into new, innovative products. Our goal is to always offer new solutions that generate added-value for end customers and installers. As a result of the on-going, in-house research and development, CONICA products are consistently state-of-the-art, meeting the relevant international standards and test criteria. Here at CONICA, we are a company certified in accordance with ISO 9001 Quality Management and ISO 14001 Environment Management Standards. Conica attaches great importance to sustainability. This includes the environmentally sustainable production of synthetic flooring.

CONTENT:

Everything at a glance

CONTENT INDUSTRIAL & DECORATIVE FLOORING

	COATING TYPE	SYSTEM	THICKNESS	Crack bridging	Electrostatic properties	Water vapour diffusibility	Resilience	SLIP RESISTANCE
	INDUSTRIAL – High-performance industrial coatings							
P 06	High-performance PUR self smoothing coating	CONIFLOOR IPS	approx. 2 mm	■			medium load	R 9, R 10
P 06	High-performance EP self smoothing coating	CONIFLOOR IES	approx. 2 mm				medium load	R 9, R 10
P 07	Chemical-resistant EP self-levelling coating	CONIFLOOR IEC	≥ 2,1 mm	■			medium load	R 9, R 10
P 07	Chemical-resistant EP scatter coating	CONIFLOOR IEC SR	≥ 2,5 mm	■			heavy load	R 11 V4, R 12 V6
P 08	Slip-resistant PUR broadcast system	CONIFLOOR IPS SR	approx. 2.5 mm	■			heavy load	R 12 V4, R 12 V6
P 08	Slip-resistant EP broadcast system	CONIFLOOR IES SR	approx. 2.5 mm				heavy load	R 11 V4, R 12 V4
P 09	Scatter coating with coloured quartz sand, low-emission	CONIFLOOR COLORQUARZ LE	approx. 2 mm				heavy load	R 11 V6
P 09	Scatter coating with conductive coloured quartz sand, low-emission	CONIFLOOR COLORQUARZ AS-ESD LE	approx. 2 mm		■		heavy load	R 11 V6
	INDUSTRIAL – Cost-effective industrial coatings							
P 10	Diffusible Sealing	CONIFLOOR IWL /IWL SR	< 0,5 mm			■	light load	R 11
P 10	Diffusible thin coating	CONIFLOOR IWM	≤ 1,2 mm			■	light load	R 10, R 11
P 11	High build coating	CONIFLOOR IEL/IEL SR	≤ 0,5 mm				light load	R 9, R 10
P 11	Textured coating	CONIFLOOR IET	< 1 mm				medium load	R 9
	INDUSTRIAL – Conductive industrial coatings							
P 14	Conductive PUR self smoothing coating	CONIFLOOR IPS AS	≥ 1,5 mm	■	■		medium load	–
P 14	Conductive EP self smoothing coating	CONIFLOOR IES AS	≥ 1,5 mm		■		heavy load	R 9
P 15	Conductive textured coating/ with silicon carbide	CONIFLOOR IET AS / AS SR	< 1 mm		■		medium load	R 9
P 15	Chemical-resistant, conductive EP coating	CONIFLOOR IEC AS	≥ 2,1 mm	■	■		heavy load	R 9
P 16	ESD-compliant EP coating	CONIFLOOR IES ESD (N)	approx 1,5 mm		■		medium load	R 9 – R 10
P 16	ESD-compliant structured coating	CONIFLOOR IET ESD	< 1 mm		■		medium load	R 9
P 17	ESD-compliant PUR coating	CONIFLOOR IPS AS ESD	≥ 1,5 mm	■	■		medium load	R 10
P 17	ESD-compliant EP coating	CONIFLOOR IES AS ESD	≥ 1,5 mm		■		medium load	R 9, R 10
	DECORATIVE – Comfort floor							
P 20	PUR-Wandbeschichtung	CONIFLOOR LPV	≥ 2 mm	■			light load	
P 21	PUR comfort self smoothing coating	CONIFLOOR LPC	≥ 2 mm	■			light load	R 9, R 10, R 11
P 21	PUR design self smoothing coating	CONIFLOOR UPD	≥ 2 mm	■			light load	R 9, R 10
P 22	High-performance PUR self smoothing coating with mat underlay	CONIFLOOR IPS+	approx. 6-8 mm	■			medium load	R 9, R 10
P 22	PUR comfort coating with liquid mat	CONIFLOOR LPC+LI (N)	approx. 4-6 mm	■			light load	R 9, R 10, R 11
P 23	PUR comfort self smoothing coating with mat underlay	CONIFLOOR LPC+ FL	approx. 6-8 mm	■			light load	R 9, R 10
P 23	PUR design self smoothing coating with mat underlay	CONIFLOOR UPD+	approx. 6-8 mm	■			light load	R 9, R 10
	PARKING							
P 26	Rigid EP deck coating (OS8)	CONIPROOF PES	approx. 2,5 mm				heavy load	R 11 V4, R 12 V8
P 26	Rigid EP deck coating (OS8)	CONIPROOF PEF	approx. 2,5 mm				heavy load	R 11 V4
P 27	Crack-bridging coating for multi-storey car park (OS11b)	CONIPROOF PPC SL	approx. 4 mm	■			medium load	R 12 V6, R 12 V8
P 27	Crack-bridging top deck coating (OS11a)	CONIPROOF PPC DL	approx. 4,5 mm	■			medium load	R 12 V6
P 29	Crack-bridging sealing for multi-storey car park (OS10)	CONIPROOF PWC SU / SP	approx. 4-6 mm	■			heavy load	R 11 V4
P 27	Crack-bridging sealing for multi-storey car park (OS10)	CONIPROOF PWC OS10	approx. 4-6 mm	■			medium load	R 11 V4
	WATERPROOFING							
P 31	Crack-bridging spray seal	CONIPROOF SP	approx. 2 mm	■			light load	–
P 31	Crack-bridging spray seal	CONIPROOF SU	approx. 2 mm	■			light load	–
	PERMEABLE PAVINGS							
P 33	PUR binder for stone carpet	CONIPAVE 610 / PU 653/1	Minimum thickness is 3-times grain size					–

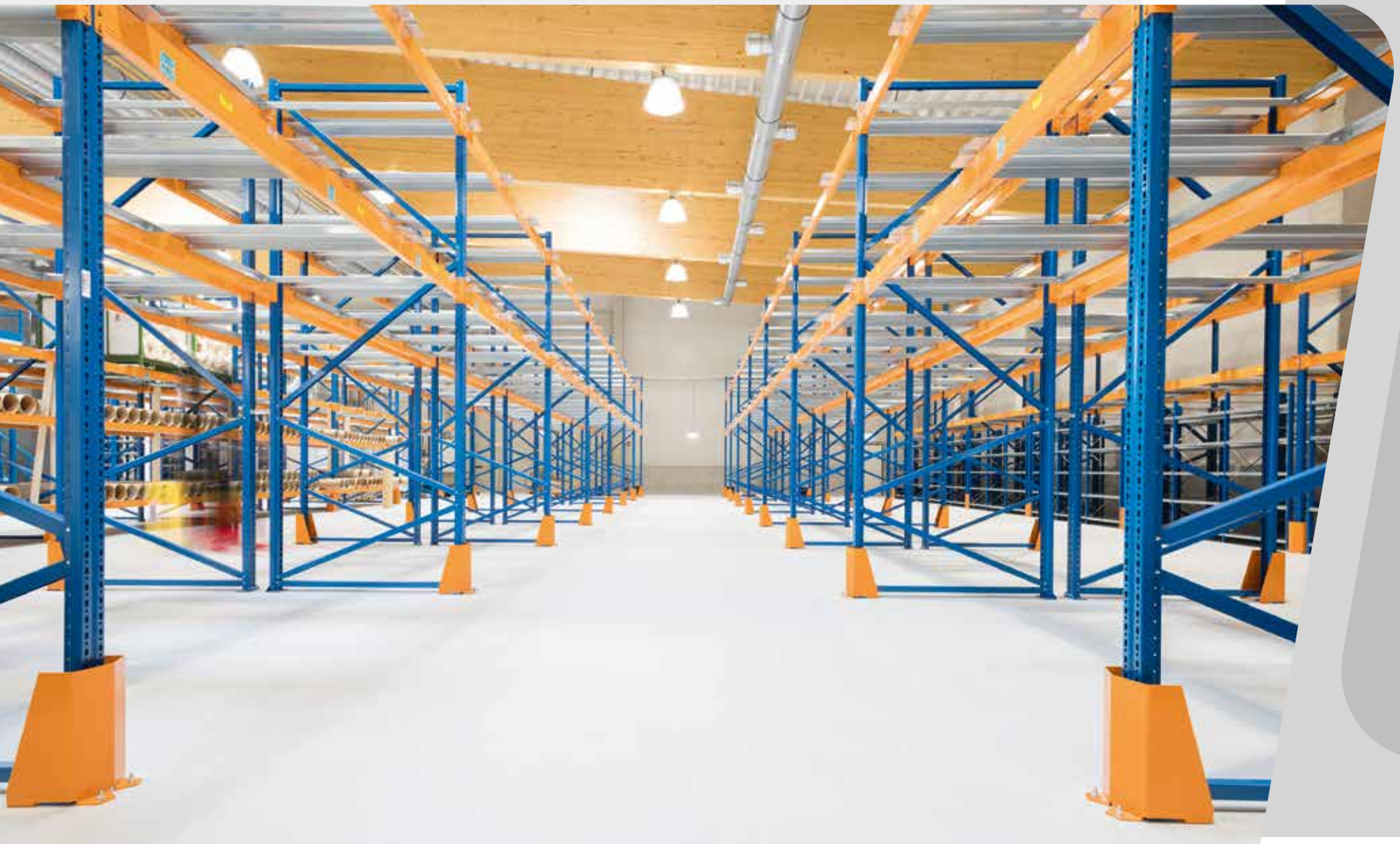
Crack bridging
Electrostatic properties
Water vapour diffusibility
Resilience
light load
medium load
heavy load

INDUSTRIAL:

Flooring that's tough

SYSTEM SOLUTIONS FOR HIGH MECHANICAL AND CHEMICAL LOADS

In the industrial sector, robust and resilient flooring systems are in demand. CONICA offers high-quality system solutions that are characterised by a long service life and easy application. The surface finish, design and technical characteristics can be selected according to specific requirements by adapting the layer system. Be it for the aviation, pharmaceutical, automotive or electronic industry – CONICA offers the right floor coating systems.



HIGH-PERFORMANCE INDUSTRIAL COATINGS

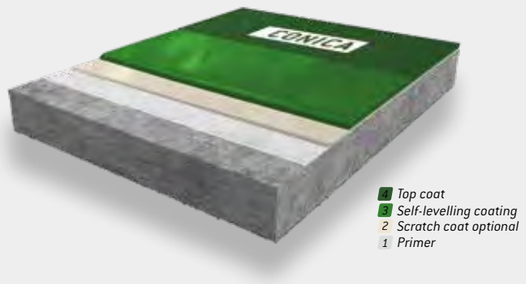
When it comes down to it, substance and mass count. CONICA's high-performance industrial coatings are created with a thickness of at least 2 mm in order to withstand the high stress encountered in production, traffic and heavy loads. The floor can then resist everyday challenges for a long time, and even impacts, scratches and small cracks in the underlying surface do not fundamentally damage the floor. After several years of use, it is easy to im-prove the appearance by re-topping.

COST-EFFECTIVE INDUSTRIAL COATINGS

CONICA's cost-effective coatings offer surface protection, are durable and easy to clean. Together with a thin layer structure, they are cost-effective. It is important to select an appropriate floor covering based on its end use, as it will not only provide an attractive appearance but will also offer the necessary load bearing capacity, all at a favorable price.

HIGH-PERFORMANCE PUR SELF SMOOTHING COATING

CONIFLOOR **IPS**



INDUSTRIAL ▪ HIGH-PERFORMANCE PUR SELF SMOOTHING COATING

CONIFLOOR **IPS**

SYSTEM

CONIFLOOR IPS (industry polyurethane system) is a low-emission, statically crack-bridging, coloured and flexible self-levelling coating for medium mechanical loads

APPLICATION

- *industrial and commercial floors*
- *storage rooms*
- *manufacturing facilities*
- *common rooms (low-emission)*
- *as an overlayment for asphalt floors (IC 10)*

ATTRIBUTES

- *solid, static crack bridging*
- *very good mechanical properties*
- *low-emission feature testing*
- *matt finish*
- *easy to clean*
- *flexible surface colour design possible*

SLIP RESISTANCE

R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Self-levelling coating	CONIFLOOR 420 + Quartz sand 01/03 (1:0.3)	2.6 kg/m² 0.8 kg/m²
4	Top coat	CONIFLOOR 520 CW optional + 3-5 % CONIFLOOR Ballotini	0.13 kg/m²

HIGH-PERFORMANCE EP SELF SMOOTHING COATING

CONIFLOOR **IES**

INDUSTRIAL ▪ HIGH-PERFORMANCE EP SELF SMOOTHING COATING

CONIFLOOR **IES**

SYSTEM

CONIFLOOR IES (industry epoxy system) is a low-emission, coloured epoxy resin self-levelling coating for heavy and medium me-chanical loads.

APPLICATION

- *industrial and commercial floors*
- *storage rooms and high-bay warehouses*
- *plant rooms*
- *manufacturing facilities*
- *circulation areas*

ATTRIBUTES

- *resistant to high impact and abrasion*
- *chemical resistant*
- *low-emission feature testing*
- *glossy or matt*
- *easy to clean*
- *flexible surface colour design possible*

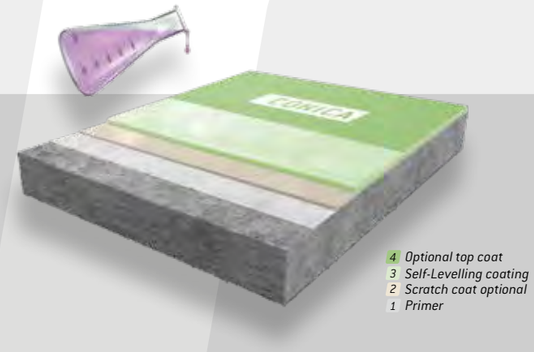
SLIP RESISTANCE

R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Self-levelling coating	CONIFLOOR EP 430 + Quartz sand 01/03 (1:0.7)	2.0 kg/m² 1.4 kg/m²
4	Top coat	CONIFLOOR 520 CW + 3-5 % CONIFLOOR Ballotini	0.13 kg/m²

HIGH-PERFORMANCE EP SELF SMOOTHING COATING

CONIFLOOR **IEC**



INDUSTRIAL ▪ EP SELF-LEVELLING COATING, CHEMICAL-RESISTANT

CONIFLOOR **IEC**

SYSTEM

CONIFLOOR IEC (Industry Epoxy Chemical resistant) is a chemical-resistant, statically crack-bridging coloured epoxy resin self-levelling coating for me-dium mechanical loads.

APPLICATION

- *production halls with chemical exposure*
- *department stores and high-bay warehouses with chemical exposure*
- *hospitals, medical practices*
- *laboratories, clean rooms, pharmaceutical industry*
- *workshops and technical rooms*

ATTRIBUTES

- *statically crack-bridging up to 0.4 mm*
- *chemical-resistant*
- *glossy*
- *easy to clean*
- *flexible colour design available for surfaces*

SLIP RESISTANCE

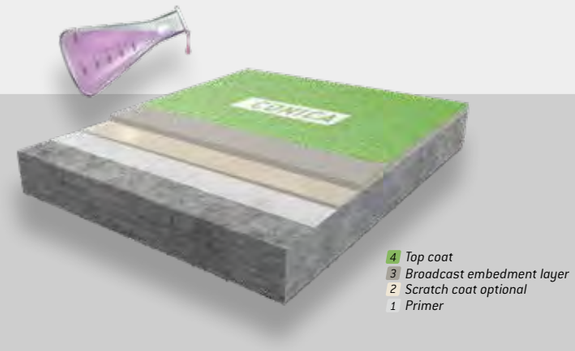
R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP110	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	self-levelling coating	CONIFLOOR EP 455 CR	2.5 kg/m²
4	optional top coat*	CONIFLOOR 520 CW	0.13 kg/m²

**not highly chemical-resistant*

HIGH-PERFORMANCE EP CAST COATING

CONIFLOOR **IEC SR**



INDUSTRIAL ▪ EP SCATTER COATING, CHEMICAL-RESISTANT

CONIFLOOR **IEC SR**

SYSTEM

CONIFLOOR IEC SR (Industry Epoxy Chemical resistant slip resistant) is an epoxy resin scatter covering for heavy mechanical loads.

APPLICATION

- *Industrial and commercial floors with slip resistance*
- *storage rooms*
- *commercial kitchens*

ATTRIBUTES

- *anti-slip*
- *pressure-resistant and abrasion-resistant*
- *liquid-tight*
- *seamless*
- *flexible colour design available for surfaces*
- *solvent-free, glossy*

SLIP RESISTANCE

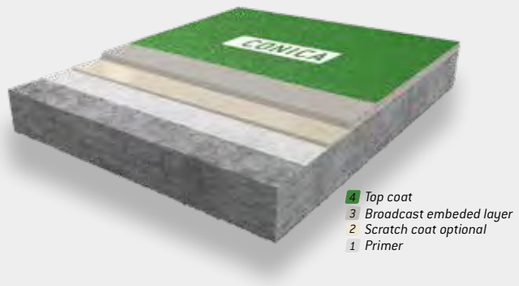
R10, R11 V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Broadcast embedment layer	CONIFLOOR EP 455 CR + Quartz sand01/03 (1:1)	0.8/m² 0.8 kg/m²
	Broadcast	QUARTZSAND 03/08	4-6 kg/m²
4	Top coat	CONIFLOOR EP 455 CR	0.5-0.7 kg/m²

light load medium load heavy load

HIGH-PERFORMANCE PUR SELF SMOOTHING COATING

CONIFLOOR **IPS SR**



INDUSTRIAL ▪ HIGH-PERFORMANCE PUR SELF SMOOTHING COATING ANTI-SLIP

CONIFLOOR **IPS SR**

SYSTEM

CONIFLOOR IPS sr (Industry Polyurethane System slip resistant) is a coloured polyurethane scatter coating for medium mechanical loads

APPLICATION

– industrial and commercial floors with slip resistance
– storage rooms
– plant rooms
– manufacturing facilities
– circulation areas

ATTRIBUTES

– slip-resistant, glossy
– solid, static crack bridging
– free of substances that interfere with lacquer wetting in paint shops
– flexible surface colour design possible

SLIP RESISTANCE

R 11-V4, R 12-V4, R 12-V6

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Broadcast embedment layer	CONIFLOOR 420 + Quartz sand 01/03	1.2-1.5 kg/m² 0.36-0.45 kg/m²
	Broadcast	QUARTZ SAND 03/08	5-6 kg/m²
4	Top coat Top coat Top coat	CONIFLOOR 420 or CONIFLOOR EP 570 C or CONIFLOOR PAS 585 C LE	0.5-0.8 kg/m²

HIGH-PERFORMANCE EP SELF SMOOTHING COATING

CONIFLOOR **IES SR**

INDUSTRIAL ▪ HIGH-PERFORMANCE EP SMOOTHING COATING ANTI-SLIP

CONIFLOOR **IES SR**

SYSTEM

CONIFLOOR IES SR (Industry Epoxy System slip resistant) is a coloured self smoothing coating for heavy mechanical loads.

APPLICATION

– industrial and commercial floors with slip resistance
– storage rooms
– plant rooms
– manufacturing facilities
– circulation areas

ATTRIBUTES

– slip-resistant, glossy
– resistant to high impact and abrasion
– high chemical resistance
– free of substances that interfere with lacquer wetting in paint shops
– flexible surface colour design possible

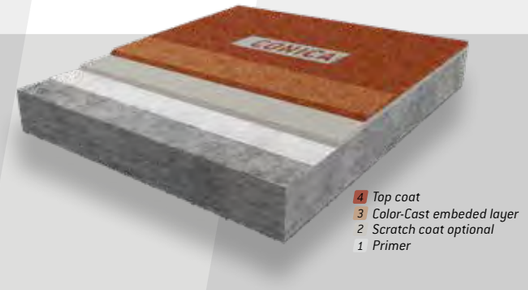
SLIP RESISTANCE

R 10, R11-V4, R12-V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Broadcast embedment layer	CONIFLOOR EP 430 + Quartz sand 01/03	1.2-1.5 kg/m² 0.36-0.45 kg/m²
	Broadcast	QUARTZ SAND 03/08	4-6 kg/m²
4	Top coat	CONIFLOOR EP 570 C or CONIFLOOR PAS 585 C LE	0.5-0.9 kg/m²

HIGH-PERFORMANCE EP DECOR SCATTER COATING

CONIFLOOR **COLORQUARZ LE**



INDUSTRIAL ▪ HIGH-PERFORMANCE EP DECOR SCATTER COATING ANTI-SLIP

CONIFLOOR **COLORQUARZ LE**

SYSTEM

CONIFLOOR COLORQUARZ LE is a decorative scatter coating using coloured quartz sand with a non-slip surface for medium to heavy mechanical loads.

APPLICATION

– production areas for food and luxury food, beverage industry
– kitchens and catering (permanently max. 60°C)
– pharmaceutical industry
– production halls with water exposure
– metal processing, e.g. watch industry

ATTRIBUTES

– good to high UV and colour stability
– anti-slip surfaces R9–R12
– glossy or matt
– easy to clean
– flexible colour design available for surfaces

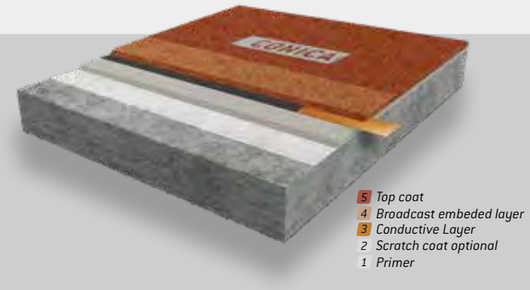
SLIP RESISTANCE

R9, R10, R 11-V4, R 12-V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03 + Quartz sand 03/08	0.8 kg/m² 0.6 kg/m² 0.2 kg/m²
3	Broadcast embedment layer	CONIFLOOR EP 116 LE + Quartz sand 01/03 + Quartz sand 03/08	0.8 kg/m² 0.6 kg/m² 0.2 kg/m²
	Broadcast	COLORQUARZ 03/08	4-6 kg/m²
4	Top coat	CONIFLOOR PAS 585 LE / CONIFLOOR EP 550 N	0.5-0.8 kg/m²

HIGH-PERFORMANCE EP DECOR SCATTER COATING

CONIFLOOR **COLORQUARZ AS ESD**



INDUSTRIAL ▪ HIGH-PERFORMANCE EP DECOR SCATTER COATING ANTI-SLIP

CONIFLOOR **COLORQUARZ AS ESD**

SYSTEM

CONIFLOOR COLORQUARZ LE is a conductive decorative scatter coating using conductive coloured quartz sand with a non-slip surface for medium to heavy mechanical loads.

APPLICATION

– production halls with ATEX or ESD requirements
– production areas for food and luxury food, beverage industry
– pharmaceutical industry
– metal processing, e.g. watch industry
– electronics industry

ATTRIBUTES

– good to high UV and colour stability
– anti-slip surfaces R9–R11
– glossy
– easy to clean
– flexible colour design available for surfaces
– conductive according to EN 1081 and EN 61340-5-1

SLIP RESISTANCE

R 9, R10, R11-V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03 + Quartz sand 03/08	0.5 kg/m² 0.5 kg/m²
3	Conductive layer	CONIFLOOR EP 150 + Copper strand	0.14-0.16 kg/m²
3	Broadcast embedment layer	CONIFLOOR EP 436 ESD + Quartz sand 03/08	0.8-1.0 kg/m² 0.08-0.10 kg/ m²
	Broadcast	COLORQUARTZ SAND 03/08 - LEITFÄHIG	4-6 kg/m²
5	Top coat	CONIFLOOR PAS 585 LE / CONIFLOOR EP 550 N	0.5-0.9 kg/m²

light load *medium load* *heavy load*

DIFFUSIBLE SEALING

CONIFLOOR ***IWL / IWL SR***

INDUSTRIAL ▪ DIFFUSIBLE SEALING

CONIFLOOR ***IWL / IWL SR***

SYSTEM

CONIFLOOR IWL/ IWL SR (Industry Waterepoxy Light) is a water vapour diffusible coloured epoxy resin sealing system based on aqueous epoxy resin for light and medium loads. For light and medium loads.

APPLICATION

– industrial and commercial floors
– storage and plant rooms
– corridors and stairs
– circulation areas
– private garages

APPLICATION

– water vapour diffusible
– suitable for magnesite and calcium sulphate screeds
– reduces dusting
– easily refreshed
– cost-effective
– enhanced anti-slip finish available
– silk-gloss finish

SLIP RESISTANCE

R10, R 11

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 500 CW	0.18-0.25 kg/m² + 5% water
2	Top coat	CONIFLOOR EP 500 CW optional+ 3-5% CONIFLOOR Ballotini	0.18-0.25 kg/m²

DIFFUSIBLE THIN COATING

CONIFLOOR ***IWM***

INDUSTRIAL ▪ DIFFUSIBLE THIN COATING

CONIFLOOR ***IWM***

SYSTEM

CONIFLOOR IWM (Industry Water based epoxy Medium load) is a water vapour diffusible, coloured, thin-layer spatula and roller coating based on water-based epoxy resin for interior use with light to medium loads.

APPLICATION

– industrial and commercial floors
– production areas with light to medium mech. load
– storage rooms with light to medium mech. load
– technical rooms

APPLICATION

– water vapour diffusible
– suitable for magnesia and calcium sulphate screeds
– economical
– adjustable for anti-slip
– satin matte

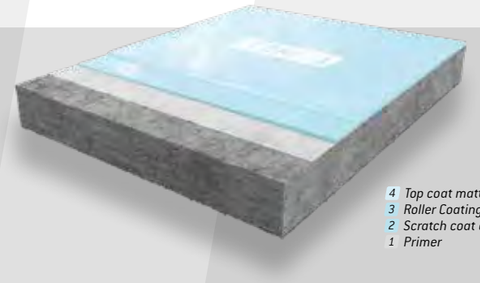
SLIP RESISTANCE

R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 500 CW	0.18-0.25 kg/m² + 5% water
2	Scratch coat one or two times	CONIFLOOR EP 500 CW + Quartz sand 01/03	0.5-1.0 kg/m² 0.5-1.0 kg/m²
3	Top coat	CONIFLOOR EP 500 CW	0.18-0.25 kg/m²
4	Optional second top coat	CONIFLOOR EP 500 CW	0.18-0.25 kg/m²

HIGH BUILD COATING

CONIFLOOR ***IEL /IEL SR***



INDUSTRIAL ▪ HIGH BUILD COATING

CONIFLOOR ***IEL / IEL SR***

SYSTEM

CONIFLOOR IEL / IEL SR (Industry Epoxy Light/slip resistant) are coloured, thin-layer epoxy resin high build coatings for light to medium load indoors.

APPLICATION

– industrial and commercial floors with slip resistance
– storage rooms
– plant rooms

ATTRIBUTES

– slip resistance optional
– cost-effective
– chemical resistant
– high opacity
– a wide range of colours
– gloss finish

SLIP RESISTANCE

R9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 112 N/ CONIFLOOR EP 570 C	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 112 N + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Roller coating	CONIFLOOR EP 570 C	0.3-0.4 kg/m²
4	Matt sealing optional	CONIFLOOR 520 CW	0.13 kg/m²

TEXTURED COATING

CONIFLOOR ***IET***

INDUSTRIAL ▪ TEXTURED COATING

CONIFLOOR ***IET***

SYSTEM

CONIFLOOR IET (Industry Epoxy Textured) is a textured coating for medium loads with slip-resistant properties.

APPLICATION

– industrial and commercial floors
– storage rooms
– plant rooms
– manufacturing facilities
– automotive industry

ATTRIBUTES

– highly chemical-resistant
– cost-effective
– very good opacity
– easy to clean
– flexible surface colour design possible
– enhanced anti-slip finish available
– textured surface, glossy

SLIP RESISTANCE

R 9

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 112 N	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 112 N + Quartz sand 01/03	0.7 kg/m² 0.35 kg/m²
3	Textured coating	CONIFLOOR EP 431	0.6-0.8 kg/m²

light load *medium load* *heavy load*

INDUSTRIAL:

Safety across all areas

CONDUCTIVE INDUSTRIAL COATINGS

Electrostatic discharge (ESD) not only endangers sensitive electronic components, in extreme cases it can also trigger fires or explosions. This is why, on non-metallic and thus non-self-discharging surfaces, suitable coatings must be used to dissipate the static charge.

CONICA's conductive floor coatings prevent the electrostatic charging of people and discharging on sensitive items and components. Due to the very good conductive properties of the conductive layer, it is sufficient to attach the copper strands at the earthing points, depending on the room geometry. The simple and quick installation saves time and money. The overall system offers comprehensive security. CONICA has various floor coating systems for ATEX and ESD requirements..

EN 61340-5-1

Protection of electronic components against electrostatic phenomena – General requirements. For floors, the standard specifies a resistance to earth of Rg<10^9 Ω. However, if the floor is used as a primary means of earthing, the standard recommends a system resistance (person-shoe-floor) of <3.5 x 10^7 Ω before 2017 or Rs 10^9 Ω or a Walking Test Body voltage of <100 V.

EN 61340-4-5

Standard test methods for special applications – Method for characterising the electrostatic protection of footwear and floor in combination with a person. The measurement does not consider the floor on its own, but the overall system (person/shoe/floor).

Measured for:

– the resistance to earth in Ω

– the body voltage in volts

TRBS 2153

Avoidance of ignition hazards due to electrostatic charge. Employer's liability insurance association rule that describes how to prevent dangerous charges. Areas of application:

– liquid and solvent storage

– ammunition factories and warehouses

– production and handling of acids

– storage for flammable and explosive substances

Requirements for coating's earthing resistance:

< 10^8 Ω (<10^6 Ω for explosives)

EN 61340-4-1

Electrical resistance of floor coverings and fitted floors. This standard is a measurement standard for DIN EN 61340-5-1. The measurement only considers discharge resistance to ground on the floor and not the entire system (person/shoe/floor).

EN 1081

Determination of the electrical resistance of elastic floor coverings. This standard is the measurement standard for BGR 132 and uses a so-called three-point electrode as the measuring electrode. The measuring voltage is 100 volts.

CONDUCTIVE PUR SELF SMOOTHING COATING
CONIFLOOR **IPS AS**

4 Conductive self smoothing coating
3 Conductive layer with copper strand
2 Intermediate layer recommended
Scratch coat optional
1 Primer

INDUSTRIAL ▪ CONDUCTIVE PUR COATING

CONIFLOOR **IPS AS**

SYSTEM

CONIFLOOR IPS AS (Industrial Polyurethane System anti-static) is a conductive, coloured polyurethane self smoothing coating for medium mechanical loads.

ANWENDUNG

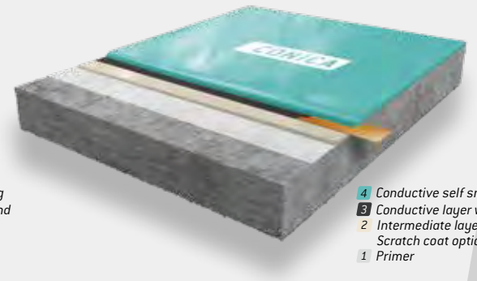
– electronic industry
– rooms with special static discharge capability for explosion-proof areas in laboratories, warehouses and production facilities
– industrial and commercial floors
– storage rooms

EIGENSCHAFTEN

– static conductive
– static crack bridging
– impermeable
– easy to clean
– limited colour design for surfaces available due to potential yellowing

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Self smoothing coating	CONIFLOOR 420 AS	2.2-2.5 kg/m²

CONDUCTIVE EP SELF SMOOTHING COATING
CONIFLOOR **IES AS**



4 Conductive self smoothing coating
3 Conductive layer with copper strand
2 Intermediate layer recommended
Scratch coat optional
1 Primer

INDUSTRIAL ▪ CONDUCTIVE EP COATING

CONIFLOOR **IES AS**

SYSTEM

CONIFLOOR IES AS (Industry Epoxy System anti-static) is a conductive, coloured epoxy resin self smoothing coating for heavy and medium mechanical loads.

APPLICATION

– electronic industry
– rooms with special static discharge capability for explosion-proof areas in laboratories, warehouses and production facilities
– industrial and commercial floors
– storage rooms

ATTRIBUTES

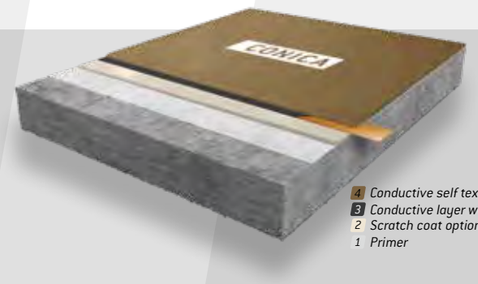
– static conductive
– resistant to high loading and abrasion
– good chemical resistance
– easy to clean
– free of substances that interfere with lacquer wetting in paint shops
– flexible surface colour design possible

SLIP RESISTANCE

R 9

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Self smoothing coating	CONIFLOOR EP 430 AS	2.0-2.5 kg/m²

CONDUCTIVE TEXTURED COATING
CONIFLOOR **IET AS / AS SR**



4 Conductive self textured coating
3 Conductive layer with copper strand
2 Scratch coat optional
1 Primer

INDUSTRIAL ▪ CONDUCTIVE TEXTURED COATING

CONIFLOOR **IET AS / AS SR**

SYSTEM

CONIFLOOR IET as (Industry Epoxy Textured anti-static/slip resistant) is a conductive textured coating for medium loads with slip-resistant properties.

APPLICATION

– electrical & automotive industry
– industrial and commercial floors
– rooms with special static discharge capability for explosion-proof areas in laboratories, warehouses and production facilities
– plant construction

ATTRIBUTES

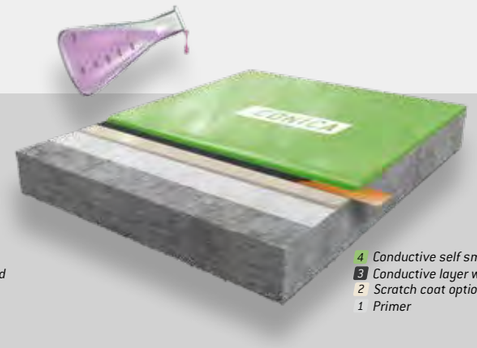
– static conductive
– cost-effective
– slip-resistant
– gloss finish
– textured surface
– good chemical resistance

SLIP RESISTANCE

R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
6	Textured coating	CONIFLOOR EP 431 AS optional + 10 % SIC F20 or 20 % SIC F40	0.6-0.8 kg/m²

CONDUCTIVE COATING, HIGH CHEMICAL RESISTANCE
CONIFLOOR **IEC AS**



4 Conductive self smoothing coating
3 Conductive layer with copper strand
2 Scratch coat optional
1 Primer

INDUSTRIAL ▪ CONDUCTIVE COATING, HIGH CHEMICAL RESISTANCE

CONIFLOOR **IEC AS**

SYSTEM

CONIFLOOR IEC AS (Industry Epoxy Chemical resistant) is a conductive self-levelling coating with high chemical resistance for medium-heavy mechanical loads; crack-bridging features.

APPLICATION

– electrical & automotive industry
– industrial and commercial floors with high slip resistance
– rooms with special static discharge capability for explosion-proof areas in laboratories, warehouses and production facilities
– plant construction

ATTRIBUTES

– static conductive
– cost-effective
– statically crack-bridgingt
– gloss finish
– textured surface
– very good chemical resistance

SLIP RESISTANCE

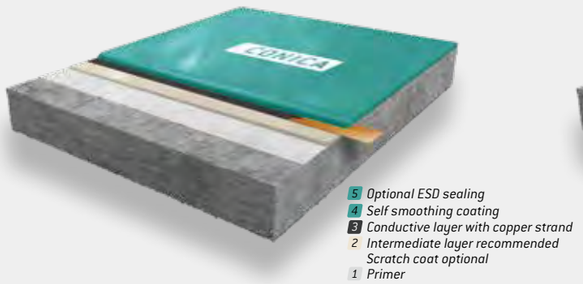
R 9

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 155 CR AS	0.12 kg/m²
6	Textured coating	CONIFLOOR 455 CR AS	2.5 kg/m²

light load medium load heavy load

ESD-COMPLIANT EP COATING

CONIFLOOR **IES** ESD (N)



INDUSTRIAL ▪ ESD-COMPLIANT EP COATING

CONIFLOOR **IES** ESD (N)

SYSTEM

CONIFLOOR IES ESD (N) (Industry Epoxy System electrostatic discharge) is an ESD-compatible, coloured epoxy resin self-levelling coating for heavy and medium loads.

APPLICATION

– manufacturing facilities and workshops in the electronic industry
– machine construction
– automotive industry
– pharmaceutical industry
– ESD rooms

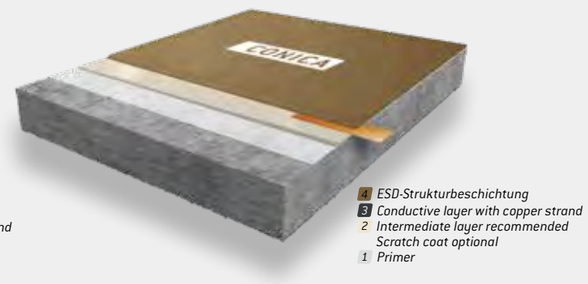
ATTRIBUTES

– high mechanical load
– volume conductive, low density
– free from salts and fibres
– efficient
– very good leveling properties and ventilation

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Self smoothing coating	CONIFLOOR EP 436 ESD	1.9-2.2 kg/m²
6	Optional ESD sealing	CONIFLOOR 520 CW ESD	0.14-0.18 kg/m²

ESD-COMPLIANT STRUCTURED COATING

CONIFLOOR **IET** ESD



INDUSTRIAL ▪ ESD-COMPLIANT STRUCTURED COATING

CONIFLOOR **IET** ESD

SYSTEM

CONIFLOOR IET ESD (Industry Epoxy Thixotropic System electrostatic discharge) is an ESD-compliant textured coating with slip-resistant properties, for light and medium loads.

APPLICATION

– manufacturing facilities and workshops in the electronic industry
– machine construction
– automotive industry
– Medical facilities with electronic devides
– ESD rooms
– Reconversion of normal floors

ATTRIBUTES

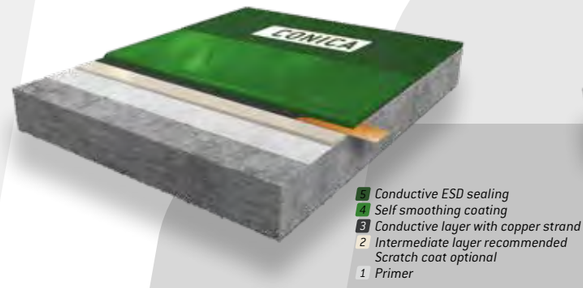
– slip-resistant
– cost-effective conversion of conductive coverings
– re-topping of existing ESD floors
– ESD-compliance without conductive layer possible

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 112 N	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 112 N + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	optional conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Textured coating	CONIFLOOR EP 433 ESD optional + 10 % SIC F20 or 20 % SIC F40	0.6-0.8 kg/m²

light load medium load heavy load

ESD-COMPLIANT PUR COATING

CONIFLOOR **IPS** AS ESD



INDUSTRIAL ▪ ESD-COMPLIANT PUR COATING

CONIFLOOR **IPS** AS ESD

SYSTEM

CONIFLOOR IPS AS ESD (Industrial Polyurethane System anti-static electrostatic discharge) is a polyurethane self smoothing coating with ESD-compliant top coat for light and medium loads.

APPLICATION

– manufacturing facilities and workshops in the electronic industry
– conversion of conductive coverings
– machine construction and automotive industry
– Medical facilities with electronic devides
– ESD rooms

ATTRIBUTES

– static crack bridging, slip-resistant
– cost-effective conversion of conductive coverings
– matt finish
– low emission
– can be used on asphalt (IC 10)

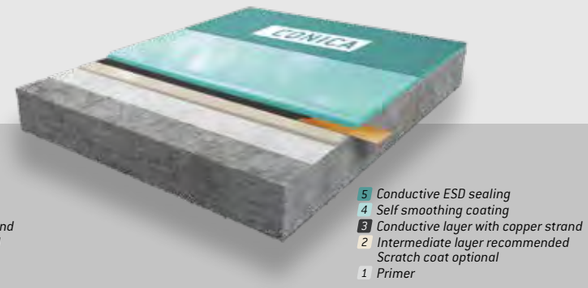
SLIP RESISTANCE

R9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Self smoothing coating	CONIFLOOR 420 AS	2.2-2.5 kg/m²
6	Conductive ESD sealing	CONIFLOOR 520 CW ESD	0.14-0.18 kg/m²

ESD-COMPLIANT EP COATING

CONIFLOOR **IES** AS ESD



INDUSTRIAL ▪ ESD-COMPLIANT EP COATING

CONIFLOOR **IES** AS ESD

SYSTEM

CONIFLOOR IES AS ESD (Industrial Polyurethane System anti-static electrostatic discharge) is an epoxy resin self smoothing coating with ESD-compliant, slip-resistant top coat for heavy loads.

APPLICATION

– manufacturing facilities and workshops in the electronic industry
– conversion of conductive coverings
– machine construction and automotive industry
– Medical facilities with electronic devides
– ESD rooms

ATTRIBUTES

– cost-effective conversion of conductive coverings
– matt finish
– slip-resistant
– low emission

SLIP RESISTANCE

R9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Earthing connection	Copper strand + Earthing connection	depends on room geometry
4	Conductive layer	CONIFLOOR EP 150	0.12 kg/m²
5	Self smoothing coating	CONIFLOOR EP 430 AS	2-2.5 kg/m²
6	Conductive ESD sealing	CONIFLOOR 520 CW ESD	0.14-0.18 kg/m²

DECORATIVE:

Comfort meets aesthetics

FLOOR COVERINGS WITH COMFORT AND COLOUR DIVERSITY

Different requirements are placed on floor systems in public areas like schools, universities, nursery schools, shops, libraries, nursing homes and hospitals, but also in private living areas. In addition to robustness and durability, the surface must offer a high level of comfort, footfall sound insulation and design options. Health and safety, well-being with the appropriate certificates is important in all areas in which we are consistently active. Seamless installation means that the floor is particularly easy to clean and hygienic.

COMFORTABLE COATING FOR PUBLIC FACILITIES

The CONICA systems LPC, LPC+FL and LPC+ LI (N) offer comfort features like footfall sound insulation, foot warmth and elasticity while offering many colour options for room and public area design. The systems have a highly colour-stable and abrasion-resistant top seal over seamless and elastic coatings. This makes them suitable for large areas, while being economical and providing the benefits of a comfort coating. The systems can be used in a wide range of applications in schools and libraries as well as in healthcare facilities like hospitals and nurs-ing homes.

DESIGN COATING WITH A WIDE RANGE OF DESIGN OPTIONS

Do you want to have the advantages of a comfortable coating and, at the same time, add design and colour accents? Then the UPD and UPD+ systems are the right solution. The coating is colourfast, elastic and warm underfoot. Bespoke colour options can be produced. Let yourself be inspired, free your imagination and enjoy the built-in comfort at the same time.

SOUND-ABSORBING INDUSTRIAL COATING FOR HIGH DEMANDS

The IPS+ system combines the properties of a high-performance industrial coating with requirements for comfort and room acoustics by means of additional impact sound insulation. For heavily frequented public areas, this tough system offers high load-bearing capacity, scratch resistance and durability. A sound reduction of -17 dB can be achieved by incorporation of an underlay mat. This results in an ideal combination of load-bearing capacity and sound insulation.

PUR-WALL COATING

CONIFLOOR **LPV**

6 Top coat 2
5 Top coat 1
4 Fine filler
3 Leveling filler
2 Scratch coat optional
1 Primer

DECORATIVE ▪ PUR-WALL COATING

CONIFLOOR **LPV**

SYSTEM

CONIFLOOR LPV (Living Polyurethane Vertical) is an elastic, decorative wall coating for wall surfaces in wet areas for indoor use.

APPLICATION

- *vertical surfaces in hospitals, medical practices and nursing homes, restaurants, cafeterias; on stairs and parapets*
- *wet areas in schools, nursery schools, universities*
- *wet areas in offices and public buildings*
- *toilet, changing rooms, shower areas*
- *solid construction walls and drywalls*

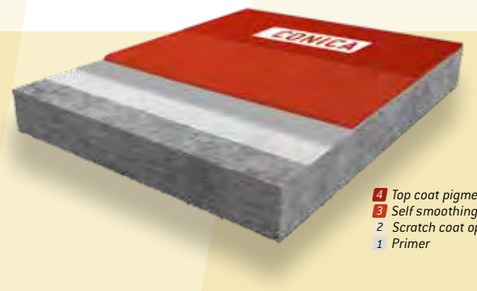
ATTRIBUTES

- *good to high UV and colour stability*
- *viscoplastic surfaces*
- *matt*
- *easy to clean*
- *flexible colour design available for surfaces*

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE o. CONIFLOOR EP 185 W	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE o. CONIFLOOR EP 185 W	0.5 kg/m² 0.5 kg/m²
3	Leveling filler	CONIFLOOR PU 350 FL optional + 10 % QS	0.8-1.0 kg/m²
4	Fine filler	CONIFLOOR PU 350 FL	0.4-0.5 kg/m²
5	Top coat 1	CONIFLOOR 541/1 CW / CONIFLOOR 541/1 CW ab	0.06-0.08 kg/m²
6	Top coat 2	CONIFLOOR 541/1 CW / CONIFLOOR 541/1 CW ab	0.06-0.08 kg/m²

PUR COMFORT COATING

CONIFLOOR **LPC**



4 Top coat pigmented
3 Self smoothing coating elastic
2 Scratch coat optional
1 Primer

DECORATIVE ▪ PUR COMFORT COATING

CONIFLOOR **LPC**

SYSTEM

CONIFLOOR LPC (Living Polyurethane Comfort) is a polyurethane self smoothing coating for decorative and comfortable areas with a colourfast top coat.

APPLICATION

- *public buildings*
- *hospitals and nursing homes*
- *schools*
- *nurseries*
- *commercial & residential*

ATTRIBUTES

- *very low emissions*
- *comfortable coating*
- *impact and walking sound absorption*
- *static crack bridging*
- *slip-resistant*
- *colour stable (top seal), matt*
- *warm to the feet and easy on the joints*

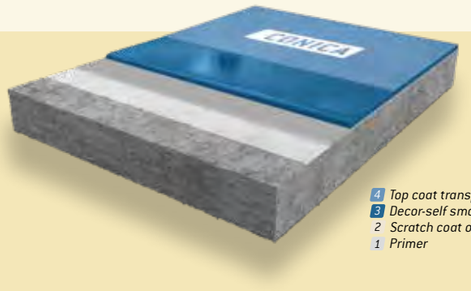
SLIP RESISTANCE

R 9, R 10, R 11

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Self smoothing coating	CONIFLOOR 440/1	2.5-3.5 kg/m²
4	Top coat	CONIFLOOR 541/1 CW ab or CONIFLOOR 541/1 CW	0.12-0.15 kg/m²

PUR DESIGNBESCHICHTUNG

CONIFLOOR **UPD**



4 Top coat transparent
3 Decor-self smoothing coating
2 Scratch coat optional
1 Primer

DECORATIVE ▪ PUR DESIGNBESCHICHTUNG

CONIFLOOR **UPD**

SYSTEM

CONIFLOOR UPD (Urban Polyureathane Decorative)) is a polyurethane self-levelling coating for decorative and comfortable areas with a transparent seal and light load.

APPLICATION

- *public buildings*
- *hospitals and nursing homes*
- *schools*
- *nurseries*
- *commercial & residential*

ATTRIBUTES

- *low emissions*
- *comfort coating for individual design*
- *impact and walking sound absorption*
- *slip-resistant*
- *colour stable (coating and top seal), matt*
- *warm to the feet*
- *easy on the joints*

SLIP RESISTANCE

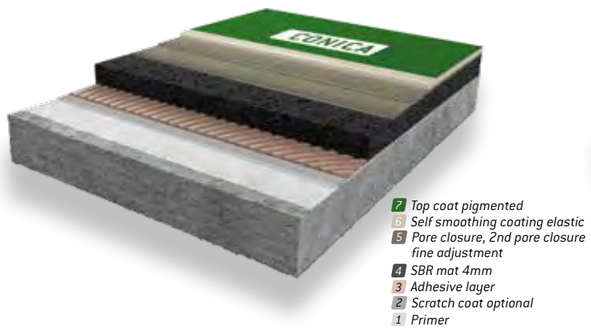
R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Self smoothing coating	CONIFLOOR PU 450 N	2.5-3.5 kg/m²
4	Top coat	CONIFLOOR 541/1 W	0.12-0.15 kg/m²

light load medium load heavy load

HIGH-PERFORMANCE PUR COATING WITH UNDERLAY MAT

CONIFLOOR **IPS+**



7 Top coat pigmented
6 Self smoothing coating elastic
5 Pore closure, 2nd pore closure fine adjustment
4 SBR mat 4mm
3 Adhesive layer
2 Scratch coat optional
1 Primer

DECORATIVE ▪ HIGH-PERFORMANCE PUR COATING WITH UNDERLAY MAT

CONIFLOOR **IPS+**

SYSTEM

CONIFLOOR IPS+ (Industry Polyurethane System with sound-absorbing mat) is a polyurethane self smoothing coating with sound-absorbing underlay mat for medium loads.

APPLICATION

- buildings with high requirements for sound reduction and wear
- hospitals, nursing homes
- schools, libraries, nurseries
- canteens
- retail areas

ATTRIBUTES

- low emissions
- high load-bearing capacity with simultaneous walking comfort
- impact and walking sound absorption
- static crack bridging
- colourfast (top seal), matt
- resistant to scratching and impact

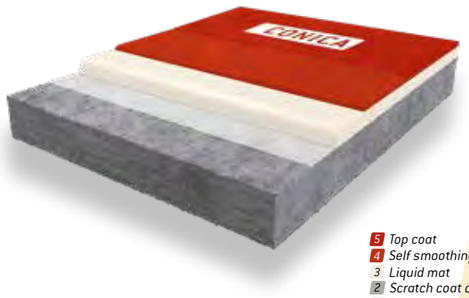
SLIP RESISTANCE

R 9, R 10

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Adhesive layer	CONIFLOOR 210	0.8-1.0 kg/m²
4	Soundproofing underlay mat	CONIPUR mat G30 (4mm)	–
5	Pore sealing	CONIFLOOR 310	0.7-0.9 kg/m²
6	Pore sealing	CONIFLOOR 310	0.5-0.7 kg/m²
7	Self smoothing coating	CONIFLOOR 420	2.5-3.0 kg/m²
8	Top coat	CONIFLOOR 520 CW	0.13 kg/m²

HIGH-PERFORMANCE PUR COATING WITH LIQUID MAT

CONIFLOOR **LPC+LI (N)**



5 Top coat
4 Self smoothing coating elastic
3 Liquid mat
2 Scratch coat optional
1 Primer

DECORATIVE ▪ HIGH-PERFORMANCE PUR COATING WITH LIQUID MAT

CONIFLOOR **LPC+ LI (N)**

SYSTEM

CONIFLOOR LPC+ LI (N) (Industry Polyurethane System with sound-absorbing liquid mat) is a polyurethane self-levelling coating for decorative and comfortable areas with a colour-stable seal and light loads.

APPLICATION

- public buildings
- hospitals
- schools
- nurseries
- commercial & residential

ATTRIBUTES

- very low emissions
- high walking comfort
- particularly high absorbency of impact and walking sound
- static crack bridging
- colourfast (top seal), matt

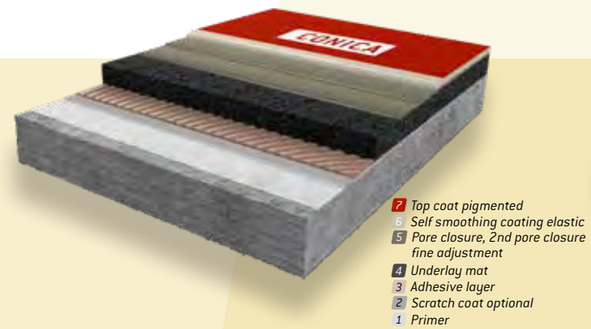
SLIP RESISTANCE

R 9, R 10, R 11

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03 + Quartz sand 03/08	0.8 kg/m² 0.6 kg/m² 0.2 kg/m²
4	Liquid mat	CONIFLOOR 445 LI	1.5–3.0 kg/m²
7	Self smoothing coating	CONIFLOOR 440/1 FL	3–3.5 kg/m²
8	Top coat	CONIFLOOR 541/1 CW / CONIFLOOR 541/1 CW ab	0.13 kg/m²

PUR COMFORT COATING WITH UNDERLAY MAT

CONIFLOOR **LPC+ FL**



7 Top coat pigmented
6 Self smoothing coating elastic
5 Pore closure, 2nd pore closure fine adjustment
4 Underlay mat
3 Adhesive layer
2 Scratch coat optional
1 Primer

DECORATIVE ▪ PUR COMFORT COATING WITH MAT

CONIFLOOR **LPC+ FL**

SYSTEM

CONIFLOOR LPC+ FL (Living Polyurethane Comfort with sound-absorbing mat) is a polyurethane self-levelling coating for decorative and comfortable areas with a colour-stable seal and light loads.

APPLICATION

- public buildings
- hospitals
- schools
- nurseries
- commercial & residential

ATTRIBUTES

- low emissions
- high walking comfort
- particularly high absorbency of impact and walking sound
- static crack bridging
- colourfast (top seal), matt

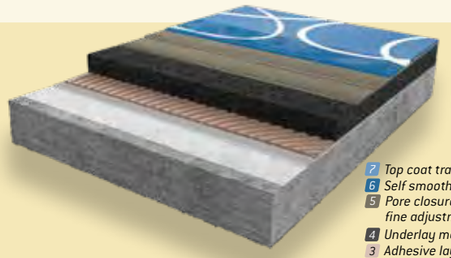
SLIP RESISTANCE

R 9, R 10, R 11

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Adhesive layer	CONIFLOOR 210	0.8-1.0 kg/m²
4	Soundproofing underlay mat	CONIPUR mat F40 or G30 (4mm or 6mm)	–
5	Pore sealing	CONIFLOOR 340 FL	0.7-0.9 kg/m²
6	Pore sealing	CONIFLOOR 340 FL	0.5-0.7 kg/m²
7	Self smoothing coating	CONIFLOOR 440/1 FL	2.5-3.0 kg/m²
8	Top coat	CONIFLOOR 541/1 CW CONIFLOOR 541/1 CW ab	0.13 kg/m²

PUR DESIGN COATING WITH UNDERLAY MAT

CONIFLOOR **UPD+**



7 Top coat transparent
6 Self smoothing coating elastic
5 Pore closure, 2nd pore closure fine adjustment
4 Underlay mat
3 Adhesive layer
2 Scratch coat optional
1 Primer

DECORATIVE ▪ PUR DESIGN COATING WITH MAT

CONIFLOOR **UPD+**

SYSTEM

CONIFLOOR UPD + (Urban Polyurethane Decorative with sound-absorbing mat) is a polyurethane self smoothing coating for decorative and comfortable areas with transparent top coat.

APPLICATION

- public buildings
- hospitals
- schools
- nurseries
- commercial & residential

ATTRIBUTES

- low emissions
- high walking comfort
- particularly high absorbency of impact and walking sound
- colourfast (top seal), matt
- warm to the feet
- easy on the joints

SLIP RESISTANCE

R 9, R 10, R 11

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 116 LE	0.3-0.4 kg/m²
2	Optional scratch coat	CONIFLOOR EP 116 LE + Quartz sand 01/03	0.5 kg/m² 0.5 kg/m²
3	Adhesive layer	CONIFLOOR 210	0.8-1.0 kg/m²
4	Soundproofing underlay mat	CONIPUR mat F40 or G30 (4mm or 6mm)	–
5	Pore sealing	CONIFLOOR 310	0.7-0.9 kg/m²
6	Pore sealing	CONIFLOOR 310	0.5-0.7 kg/m²
7	Self smoothing coating	CONIFLOOR PU 450 N	2.5-3.0 kg/m²
8	Top coat	CONIFLOOR 541/1 W	0.13 kg/m²

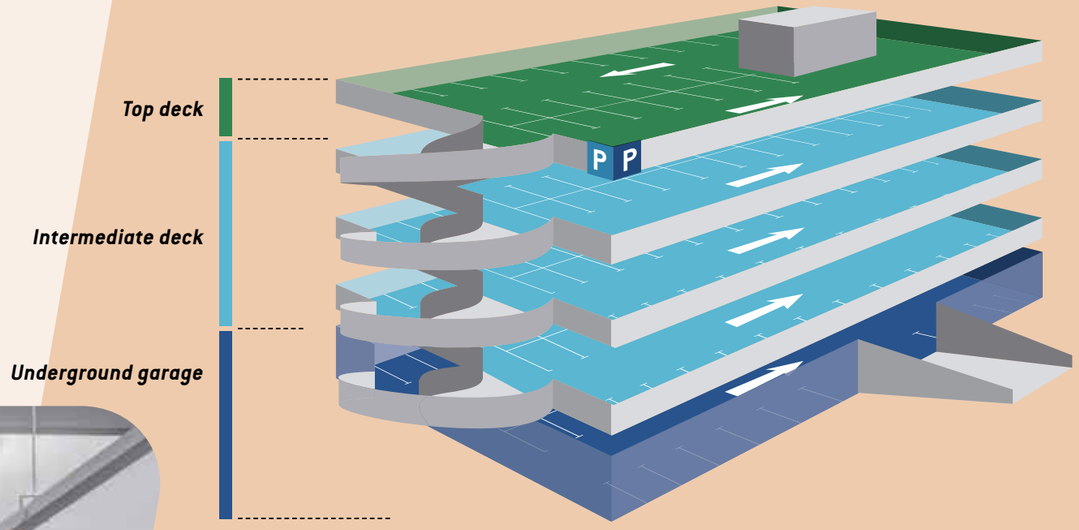
light load medium load heavy load

PARKING:

Protection from internal and external influences

EFFECTIVE PROTECTION FOR PARKING AREAS

Coatings for car park decks and multi-storey car parks must be able to withstand mechanical stress as well as physical and chemical influences. CONICA offers customised and tested surface protection systems for any requirement. We offer solutions for underground garages, intermediate and top decks, and where required, certified crack bridging solutions to eliminate water ingress. Our extensive portfolio offers cost-effective solutions which include, rapid cure systems, ideal for fast track projects or challenging weather conditions. Parking areas can be designed in a modern and attractive way by using colour accents.

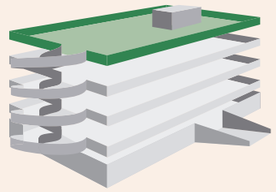


Top deck (OS10/OS11a)

suitable systems:

– CONIPROOF PPC DL (OS11a)

– CONIPROOF PWC OS10/SU/SP (OS10)

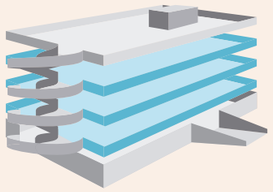


Intermediate deck (OS10/OS11b)

suitable systems:

– CONIPROOF PPC SL (OS11b)

– CONIPROOF PWC SU/SP (OS10)



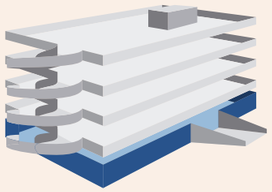
Underground areas (OS8)

suitable systems:

– CONIPROOF PES

– CONIPROOF PEF

– CONIPROOF HYBRID OS8



RIGID EP DECK COATING

CONIPROOF **PES**

3 Top coat
2 Broadcast & wear layer
1 Primer optional

PARKING ■ RIGID EP DECK COATING (OS8)

CONIPROOF **PES**

SYSTEM

CONIPROOF PES (Parking Epoxy System) is a rigid epoxy resin deck coating for surfaces subject to high mechanical stress.

APPLICATION

- *deck coating for surfaces that can be driven on and are subject to heavy mechanical loads*
- *meets the requirements of DIN EN 1504-2*
- *for parking and driving surfaces in underground garages and multi-storey car parks*
- *for covered areas, ramps, turning circles and pedestrian zones*

ATTRIBUTES

- *mechanically and chemically resilient*
- *tested according to the requirements of vehicle traffic*
- *tested against reverse moisture penetration (230d)*
- *approved surface protection system (OS8)*
- *a wide range of colours*
- *colourfast top coat option for long lasting colour stability under direct sunlight with improved cleanability*

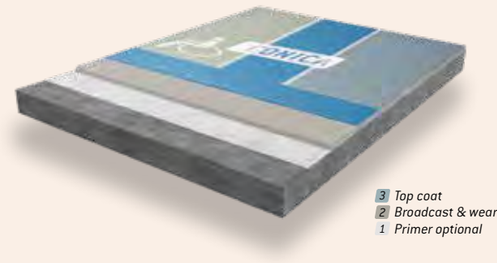
SLIP RESISTANCE

R 11 V4,R 12 V8

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Optional primer	CONIPROOF EP 190/1	0.3-0.5 kg/m²
2	Broadcast & wear layer	CONIPROOF EP 190/1 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	Broadcast	Quartz sand 03/08	3-4 kg/m²
4	Top coat	CONIPROOF EP 590/1 or CONIPROOF 591/1	0.6-0.9 kg/m² 0.6-0.8 kg/m²

RIGID EP DECK COATING

CONIPROOF **PEF**



3 Top coat
2 Broadcast & wear layer
1 Primer optional

PARKING ■ RIGID EP DECK COATING (OS8)

CONIPROOF **PEF**

SYSTEM

CONIPROOF PEF (Parking Epoxy Filled) ist eine starre Parkhaus Epoxidharz-Beschichtung mit vorgefülltem, pigmentierten Grundierharz für mechanisch stark belastete Flächen.

APPLICATION

- *deck coating for surfaces that can be driven on and are subject to heavy mechanical loads*
- *meets the requirements of DIN EN 1504-2*
- *for parking and driving surfaces in underground garages and multi-storey car parks*
- *for covered areas, ramps, turning circles and pedestrian zones*

ATTRIBUTES

- *mechanically and chemically resilient*
- *tested according to the requirements of vehicle traffic*
- *tested against reverse moisture penetration (230d)*
- *approved surface protection system (OS8)*
- *a wide range of colours*
- *colourfast top coat option for long lasting colour stability under direct sunlight with improved cleanability*

SLIP RESISTANCE

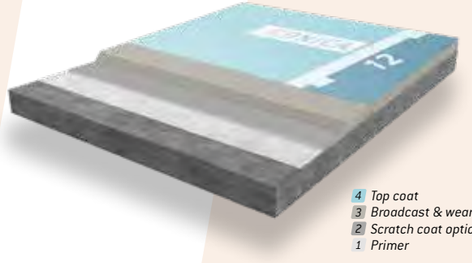
R 11 V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Optional primer	CONIFLOOR EP 112 N	0.3-0.5 kg/m²
2	Broadcast & wear layer	CONIFLOOR EP 112 N + Quartz sand 01/03	1.3 kg/m² 0.56 kg/m²
3	Broadcast	Quartz sand 03/08	3-4 kg/m²
4	Top coat	CONIPROOF EP 590/1 or CONIPROOF 592	0.6-0.9 kg/m² 0.6-0.8 kg/m²

light load ■ medium load ■ heavy load

CRACK-BRIDGING PARKING DECK COATING

CONIPROOF **PPC SL**



4 Top coat
3 Broadcast & wear layer
2 Scratch coat optional
1 Primer

PARKING ■ CRACK-BRIDGING PARKING DECK COATING (OS11B)

CONIPROOF **PPC SL**

SYSTEM

CONIPROOF PPC SL (Parking Polyurethane crack-bridging single layer) is a multi-storey car park polyurethane coating for roofed areas with medium mechanical loads.

APPLICATION

- *coating with increased dynamic crack bridging*
- *for roofed areas that can be walked on and driven on*
- *meets the requirements of DIN EN 1504-2 and DAfStb*
- *for parking and driving surfaces in underground garages and multi-storey car parks, on floor tiles, intermediate decks, top decks and ramps*

ATTRIBUTES

- *mechanically and chemically resilient*
- *tested according to the requirements of vehicle traffic*
- *tested against reverse moisture penetration (230d)*
- *a wide range of colours*
- *approved surface protection system (OS11b)*
- *colourfast top coat option for long lasting colour stability under direct sunlight with improved cleanability*

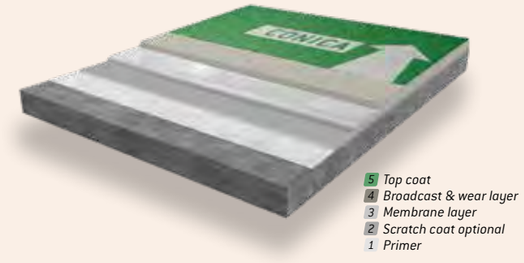
SLIP RESISTANCE

R 12 V4, R 12 V8

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIPROOF EP 190/1	0.3-0.5 kg/m²
2	Optional scratch coat	CONIPROOF EP 190/1 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	Broadcast & wear layer	CONIPROOF 490/1 + Quartz sand 01/03	1.75 kg/m² 0.75 kg/m²
4	Broadcast	Quartz sand 03/08	3-4 kg/m²
5	Top coat	CONIPROOF EP 590/1 or CONIPROOF 591/1 or CONIPROOF 592	0.6-0.9 kg/m² 0.6-0.8 kg/m² 0.6-0.8 kg/m²

CRACK-BRIDGING TOP DECK COATING

CONIPROOF **PPC DL**



5 Top coat
4 Broadcast & wear layer
3 Membrane layer
2 Scratch coat optional
1 Primer

PARKING ■ CRACK-BRIDGING TOP DECK COATING (OS11A)

CONIPROOF **PPC DL**

SYSTEM

CONIPROOF PPC DL (Parking Polyurethane crack-bridging double layer) is a multi-storey car park polyurethane coating for areas with medium mechanical load exposed to weathering.

APPLICATION

- *coating with increased dynamic crack bridging*
- *for areas that can be walked on and driven on*
- *meets the requirements of DIN EN 1504-2 and DAfStb*
- *for parking and driving surfaces in underground garages and multi-storey car parks, especially for open spaces that can be driven on*

ATTRIBUTES

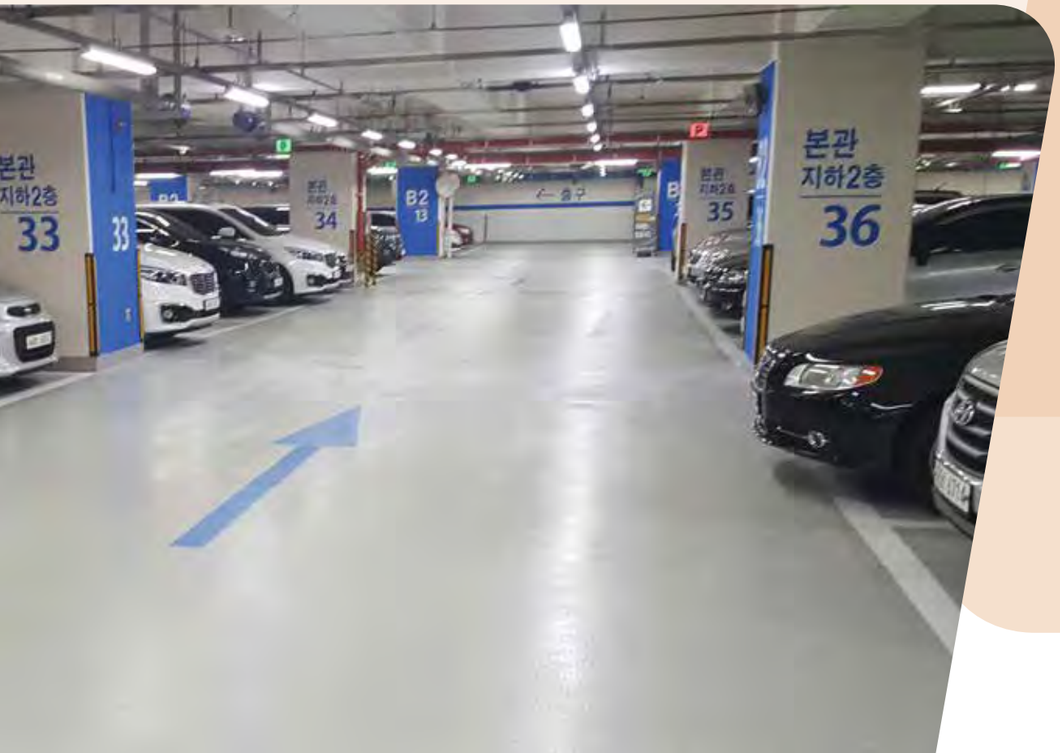
- *mechanically and chemically resilient*
- *tested according to the requirements of vehicle traffic*
- *tested against reverse moisture penetration (230d)*
- *a wide range of colours, tested with a colourfast top sealing for the lasting colour scheme of parking areas*
- *approved surface protection system (OS11a)*
- *two-layer system with independent waterproof membrane and wear layer*

SLIP RESISTANCE

R 12 V6

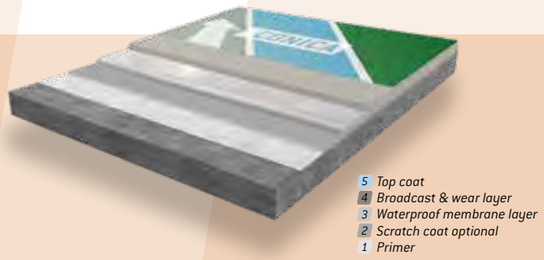
	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIPROOF EP 190/1	0.3-0.5 kg/m²
2	Optional scratch coat	CONIPROOF EP 190/1 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	Membrane layer/ Hw0[1]	CONIPROOF 490/1	2.1-2.3 kg/m²
4	Wear layer	CONIPROOF 491/1 + Quartz sand 01/03	1.9 kg/m² 0.48 kg/m²
5	Broadcast	Quartz sand 03/08	3-4 kg/m²
6	Top coat	CONIPROOF EP 590/1 or CONIPROOF 591/1 or CONIPROOF 592	0.6-0.9 kg/m² 0.6-0.8 kg/m² 0.6-0.8 kg/m²

[1] Primarily effective surface protection layer



ULTRA RAPID DECK COATING

CONIPROOF **PWC** SU / SP



PARKING ▪ HOT SPRAY, POLYUREA DECK COATING SYSTEM

CONIPROOF **PWC** SU / SP

SYSTEM

CONIPROOF PWC SU / SP (Parking Waterproofing crack-bridging spray Polyurea/ applied Polyurethane) are coatings with machine-applied polyurea or polyurethane waterproofing membranes for medium to heavy loads.

APPLICATION

- *system with sealing layer for high crack bridging*
- *under protective and top layers for walkable and driveable areas*
- *for parking and driving areas in underground and multi-storey car parks*
- *for driveable open spaces*

ATTRIBUTES

- *mechanically resilient and chemical-resilient*
- *tested based on vehicle traffic requirements*
- *tested against backward saturation*
- *tested with a colour-stable top seal for the permanent colour design for parking areas*
- *wide range of colours*
- *sealing membrane made from polyurethane or Polyurea plastic*
- *two-layer system with waterproofing and wear layer for surfaces that are exposed to the elements*

SLIP RESISTANCE

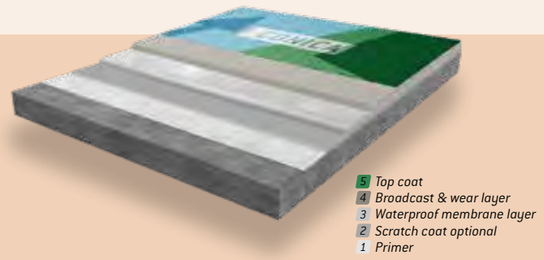
R 11 V4

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 118	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 118 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	bonding agent	CONIPROOF 165	0.05-0.08 kg/ m²
4	Waterproof membrane layer	CONIPROOF 401 or 410	2.1-2.3 kg/m²
5	Wear layer	CONIPROOF 492	1.3-2.1 kg/m²
6	Broadcast	Quartz sand 03/08	4.0-5.0 kg/m²
7	Top coat	CONIPROOF 591/1	0.6-0.7 kg/m²

light load medium load heavy load

CRACK-BRIDGING WATERPROOFING, CAR PARK

CONIPROOF **PWC** OS10



PARKING ▪ CRACK-BRIDGING WATERPROOFING, CAR PARK

CONIPROOF **PWC** OS10

SYSTEM

CONIPROOF PWC OS10 (Parking Waterproofing crack-bridging OS10) is a coating with a polyurethane waterproofing membrane that can be processed by hand for medium loads.

APPLICATION

- *system with sealing layer for high crack bridging*
- *under protective and top layers for walkable and driveable areas*
- *for parking and driving areas in underground and multi-storey car parks*
- *for driveable open spaces*

ATTRIBUTES

- *mechanically resilient and chemical-resilient*
- *tested based on vehicle traffic requirements*
- *tested against backward saturation*
- *tested with a colour-stable top seal for the permanent colour design for parking areas*
- *wide range of colours*
- *sealing membrane made from polyurethane plastic for maximum crack elongation (incl. manually applicable resin for connections/repairs)*
- *surface protection system (OS10)*
- *two-layer system with waterproofing and wear layer for surfaces that are exposed to the elements*

SLIP RESISTANCE

R 11 V4

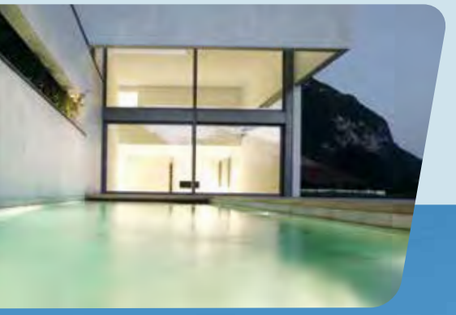
	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 118	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 112 N + Quartz sand	0.8 kg/m² 0.8 kg/m²
3	Waterproof membrane layer	CONIPROOF 490/1	2.5-2.7 kg/m²
4	Wear layer	CONIPROOF 491/1 + Quartz sand 01/03	2.0 kg/m²
5	Broadcast	Quartz sand 03/08	4.0-5.0 kg/m²
6	Top coat	CONIPROOF EP 590/1 or other	0.6-0.7 kg/m²

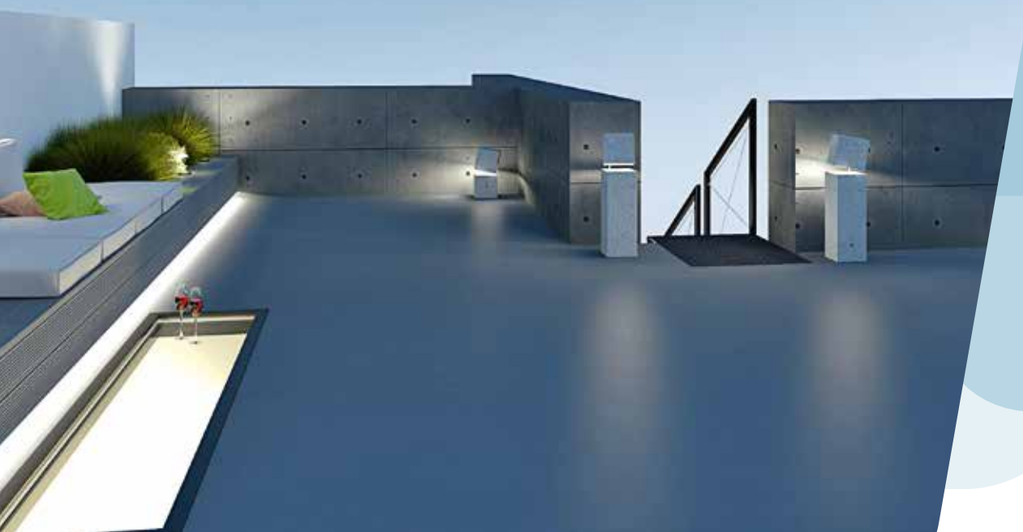
WATERPROOFING:

Perfect waterproofing solutions

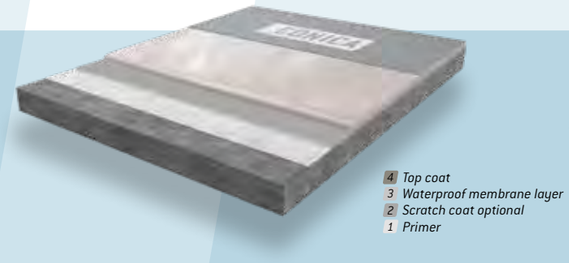
SYSTEMS TO PROTECT AGAINST WATER INGRESS

Waterproofing systems are mainly used where a lasting protection against penetrating moisture is required. Buildings can be protected from the bottom, side and top against water penetration. CONICA products offer a wide range of application possibilities, for example in multi-storey car parks and in roof sealing.





CRACK-BRIDGING SEALING
CONIPROOF ***SP***



4 Top coat
3 Waterproof membrane layer
2 Scratch coat optional
1 Primer

WATERPROOFING ▪ CRACK-BRIDGING SEALING

CONIPROOF ***SP***

SYSTEM

CONIPROOF SP (Spray Polyurethane) is a highly reactive, two-component polyurethane hot spray coating system with UV protection for medium loads.

APPLICATION

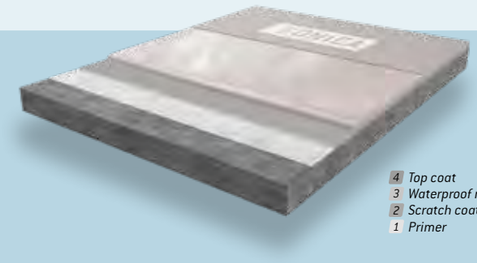
- *waterproofing of buildings for open spaces such as terraces, roofs and podium decks*
- *tested technical features*
- *meets the requirements of OS10 for car park use*

ATTRIBUTES

- *very high crack bridging*
- *root resistance*
- *chemical resistance*
- *adhesion to steel and concrete*
- *sealing*
- *with cold applied option available for detail work and repairs*
- *with colourfast sealing for a decorative finish*

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	Bonding agent	CONIPROOF 165	0.05-0.08 kg/m²
4	Waterproof membrane	CONIPROOF 410 or CONIPROOF 413 or CONIPROOF 414	2.1-2.3 kg/m² 2.1-2.3 kg/m² 2.1-2.3 kg/m²
5	Top coat	CONIPROOF 513	0.15 kg/m²

CRACK-BRIDGING SEALING
CONIPROOF ***SU***



4 Top coat
3 Waterproof membrane layer
2 Scratch coat optional
1 Primer

WATERPROOFING ▪ CRACK-BRIDGING SEALING

CONIPROOF ***SU***

SYSTEM

CONIPROOF SU (Spray polyurea) is a highly reactive, 2-component polyurea hot spray coating system with UV protection for heavy mechanical loads.

APPLICATION

- *waterproofing of buildings for open spaces such as terraces, roofs and podium decks*
- *meets the requirements of OS10 for car park use*

ATTRIBUTES

- *very high crack bridging*
- *high mechanical resistance*
- *root resistance*
- *chemical resistance*
- *adhesion to steel and concrete*
- *sealing*
- *with colourfast sealing for a decorative finish*

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Primer	CONIFLOOR EP 110	0.3-0.5 kg/m²
2	Optional scratch coat	CONIFLOOR EP 110 + Quartz sand 01/03	0.8 kg/m² 0.8 kg/m²
3	Bonding agent	CONIPROOF 165	0.05-0.08 kg/m²
4	Waterproof membrane	CONIPROOF 401	2.1-2.3 kg/m²
5	Top coat	CONIPROOF 513	0.15 kg/m²

light load medium load heavy load

PERMEABLE PAVINGS:

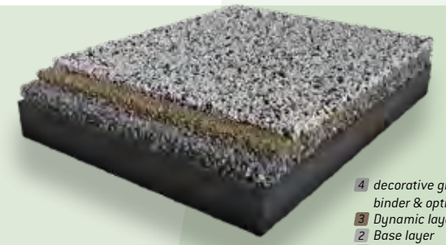
Water permeable surfaces for urban and rural areas

THE COST-EFFECTIVE ALTERNATIVE TO ASPHALT AND CONCRETE

CONIPAVE binders are used with suitable mineral mixtures in the production of permeable and decorative surfaces. This "stone carpet" can be used inside and outside for a wide variety of applications. Stone carpet laying with CONIPAVE is used for sidewalks, parking spaces, in gardening and landscaping, on terraces and balconies, but also for conservatories and exhibition areas. The stone carpets can be made in such a way that rainwater is absorbed by the surface and can trickle away if the ground can absorb water. CONIPAVE is quick and easy to install.

PUR BINDER FOR STONE CARPET

CONIPAVE **610/PU 653/1**



4 decorative gravel with transparent binder & optional pore seal
3 Dynamic layer
2 Base layer
1 Substrate layer

PERMEABLE PAVINGS ▪ PUR BINDER FOR STONE CARPET

*CONIPAVE **610/PU653/1***

SYSTEM

CONIPAVE are solvent-free, 1-component binders for stone carpets – available as transparent resin, aromatic (yellowing) and aliphatic UV-stable, as a non-yellowing option.

CONIPAVE 610

Aromatic binder for water-permeable stone carpets as a levelling and base layer, yellows under UV light

APPLICATION

Terraces, cycle paths and footpaths, open spaces, driveways

CONIPAVE PU 653/1

Transparent, UV-stable binder for stone carpets

APPLICATION

Terraces, cycle paths and footpaths, open spaces, driveways

	STRUCTURE	PRODUCT NAME	approx. USAGE
1	Optional primer	primer: floor dependant	primer: floor dependant
2	Transparent stone binder one or two layers	CONIPAVE 610 or CONIPAVE PU 653/1	grain size 4-12 mm: 5% 2-4 mm: 6%
3	Decorative gravel	grain size 10-12 mm or 8-10 mm or 4-8 mm or 2-4 mm	ca. 14 kg/cm/m² ca. 14 kg/cm/m² ca. 14 kg/cm/m² ca. 12.3 kg/cm/m²
4	Optional pore sealing	CONIPAVE PU 653/1 thix	1.1-1.3 kg/m²

light load *medium load* *heavy load*

CHEMICAL RESISTANCE:

Safety thanks to joint-free floors

DURABLE AND ROBUST

Chemical resistance refers to the reaction of flooring to the influences of chemicals. Particularly in the area of floor coatings, chemical resistance is often required. In order to achieve this, the choice of an appropriate floor coating system is paramount and dependant on the area of application. In the event of insufficient or poor chemical resistance, a wide variety of negative consequences can result in the floor coating: Blistering, delamination of the coating from the substrate, loss of gloss and colour change to complete breakdown of the coating. You can find the chemical resistance of various floor coatings on the following page.

DiBt test group	CHEMICAL RESISTANCE AT RT	CFLOOR 420	CFLOOR 520 CW auf CF 420	CFLOOR EP 430	CFLOOR EP 455CR	CFLOOREP455CRAS	CFLOOR 500 CW	CFLOOR 550	CFLOOR 570 C
1	Petrol according to DIN EN 228	■	■	■		■	■	■	■
2	Aviation fuels (kerosene)	■	■	■		■	■	■	■
3	Mixture of paraffin oil and 1-methylnaphthalene	■	■	■	■	■	■	■	■
3b	Diesel fuels according to DIN EN 590	■	■	■	■	■	■	■	■
4	All mixtures containing hydrocarbons and benzene with max. 5 vol% benzene	■	■	■	■	■	■	■	■
4a	Benzene and mixtures containing benzene	■	■	■	■	■	■	■	■
4b	Crude oil	■	■	■	■	■	■	■	■
5	Monovalent and polyvalent alcohols with max. 48 vol% methanol and ethanol	■	■	■	■	■	■	■	■
5a	All alcohols and glycol ethers	■	■	■	■	■	■	■	■
5b	Monovalent and polyvalent alcohols >=C2 with max. 48 vol% and aqueous mixtures	■	■	■	■	■	■	■	■
5c	Ethanol/water 1/1 mixture	■	■	■	■	■	■	■	■
5c	Ethanol pure	■	■	■	■	■	■	■	■
6	Halogenated hydrocarbons >=C2				■	■			
6a	Halogenated hydrocarbons				■	■			
6b	Aromatic halogenated hydrocarbons				■	■			
7	All organic esters and ketones	■	■	■	■	■	■	■	■
7a	Aromatic esters and ketones	■	■	■	■	■	■	■	■
7b	Biodiesel				■	■			
8	Up to 40% aliphatic aldehyde aqueous solutions	■	■	■	■	■	■	■	■
8a	Aliphatic aldehydes and aliphatic aldehyde aqueous solutions				■	■			
9	Lactic acid 10%	■	■	■	■	■	■	■	■
9	Formic acid 10%	■	■	■	■	■	■	■	■
9	Acetic acid 10%	■	■	■	■	■	■	■	■
9a	Organic acids (carboxylic acids)	■	■	■	■	■	■	■	■
10	Phosphoric acid 20%	■	■	■	■	■	■	■	■
10	Hydrochloric acid 20%	■	■	■	■	■	■	■	■
10	Nitric acid 20%	■	■	■	■	■	■	■	■
10	Sulphuric acid 20%	■	■	■	■	■	■	■	■
11	Ammonia 20%	■	■	■	■	■	■	■	■
11	Caustic soda 20%	■	■	■	■	■	■	■	■
12	Aqueous solutions of inorganic non-oxidising salts (NaCl)	■	■	■	■	■	■	■	■
13	Amines and amine salts in an aqueous solution	■	■	■	■	■	■	■	■
14	Jontec Tensol	■	■	■	■	■	■	■	■
14	Jontec 300	■	■	■	■	■	■	■	■
14	Jontec Linosafe	■	■	■	■	■	■	■	■
15	Cyclic and acyclic esters				■	■			
	Red wine, coffee, cola, Red Bull, black tea, mustard, ketchup	■	■	■	■	■	■	■	■
	Sodium hypochlorite	■	■	■	■	■	■	■	■
	De-icing salt	■	■	■	■	■	■	■	■
	Antifreeze concentrate	■	■	■	■	■	■	■	■
	Windscreen cleaner	■	■	■	■	■	■	■	■
	Brake fluid DOT 4	■	■	■	■	■	■	■	■
	Skydrol 6/2016 PE-5 (aircraft hydraulic fluid)	■	■	■	■	■	■	■	■
	Hydrogen peroxide (H_2O_2) 20%	■	■	■	■	■	■	■	■

■ not resistant

■ 3 days resistant, colour changes possible

■ 7 days resistant, colour changes possible

■ 14 days resistant, colour changes possible

■ resistant for more than 14 days

SLIP RESISTANCE:

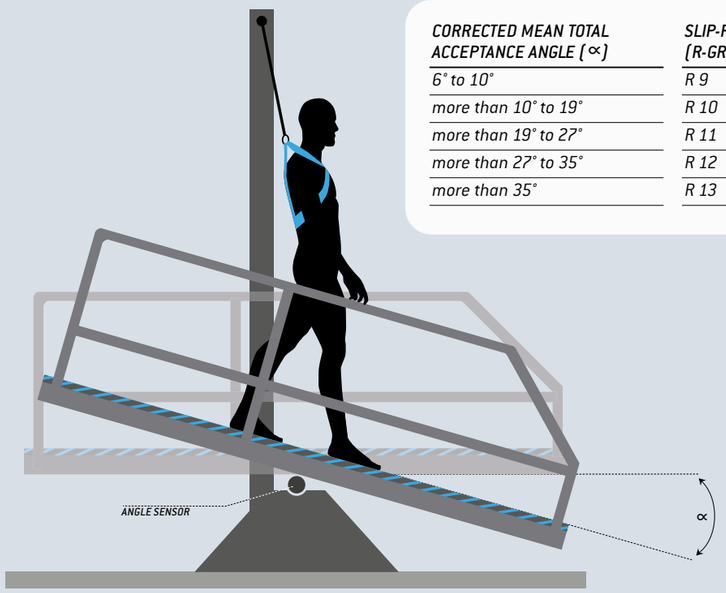
Protection at every level

TECHNICAL REGULATIONS FOR WORKPLACES

The German Technical Regulations for Workplaces (ASR) reflect the state-of-the-art in technology in the field of occupational health and safety for setting up and operating workplaces.

SLIP-RESISTANCE PROPERTY

A test person wearing test shoes walks, in an upright position with steps of half a shoe length, backwards and forwards on the floor covering to be tested, increasing its inclination starting from the horizontal position to the acceptance angle. This so-called acceptance angle is the angle at which the test person can no longer walk safely and begins to slip. The acceptance angle is determined on a floor covering coated with lubricant. The mean acceptance angle achieved (mean total acceptance angle) is then used to assess the degree of slip resistance. Subjective influences on the acceptance angle are limited by a calibration procedure.



CORRECTED MEAN TOTAL ACCEPTANCE ANGLE (∝)	SLIP-RESISTANCE CLASS (R-GROUP)
6° to 10°	R 9
more than 10° to 19°	R 10
more than 19° to 27°	R 11
more than 27° to 35°	R 12
more than 35°	R 13

	SLIP-RESISTANCE AREAS	Evaluation group Slip hazard	Displacement area
0	**General workspaces and areas**		
0.1	Entrance areas, inside	R 9	V4
0.2	Entrance areas, outside	R 11, R 10	V4
0.3	Toilets	R 9	
0.4	Changing rooms and washrooms	R 10	
0.5	Break rooms (e.g. lounge, company canteens)	R 9	
1	**Chocolate and confectionery production**		
1.1	Sugar processing plant	R 12	
1.2	Cocoa production	R 12	
2	**Production of baked goods**		
2.1	Rooms in which mainly grease or liquid materials are processed	R 12	
3	**Butchery, meat treatment, meat processing**		
3.1	Slaughterhouse	R 13	V 10
4	**Treatment and processing of fish, delicatessen production**		
4.1	Treatment and processing of fish	R 13	V 10
5	**Kitchens, dining rooms**		
5.1	Kitchens for group catering in hospitals and clinics	R 12	
5.2	Commercial kitchens for communal catering in dining halls, canteens and contract catering	R 12	
5.3	Thawing and preheating kitchens	R 10	
5.4	Rinse chambers for 5.2, 5.3	R 12	V 4
6	**Rooms of the health services / welfare services**		
6.1	Disinfection rooms (wet)	R 11	
6.2	Pre-cleaning areas for sterilisation	R 10	
6.3	Operating theatres	R 9	
6.4	Laboratories	R 9	
7	**Vehicle servicing workshops**		
7.1	Repair and maintenance rooms	R 11	
7.2	Inspection and testing pit	R 12	V 4
8	**Schools and nurseries**		
8.1	Entrance areas, hallways, break halls	R 9	
8.2	Class rooms, group rooms	R 9	
8.3	Stairs	R 9	
8.4	Toilets, washrooms	R 10	

SPORT & PLAYGROUND:

Indoor and outdoor World class

ATHLETICS FACILITIES:

AT HOME IN EVERY CLIMATE ZONE

CONICA's athletic track surfaces are truly high-tech products and assist athletes in achieving top performance. The energy applied to the surface of the track is regained via the "catapult effect". It supports the athlete's natural movements and minimises the risk of injury. The functionality and perfectly even surface of the flooring is guaranteed for decades. Thanks to its extremely high weather resistance and exceptional durability, CONICA floorings can be used in all climate zones of the world.

HALLS:

COLOURS AND DEGREES OF HARDNESS FREELY SELECTABLE

CONICA flooring for sports and multifunctional halls is well received by decision-makers, athletes and the public alike. Thanks to the different degrees of elasticity and hardness, you will find the ideal surface for every type of sport – even in terms of appearance. Almost any colour combination is possible. The hard-wearing, fire-retardant and low-emission flooring complies with international standards. This ensures the health and safety of athletes. Further advantages include its long service life, low maintenance requirements and easy application of CONICA flooring on existing floors.

PLAYGROUND:

FLOOR COVERING WITH MINIMISED RISK OF INJURY

Children want to play freely and without worries. You need a floor covering that offers both security and protection. CONICA playground coverings are always state-of-the-art in terms of functionality and technology. Thanks to their special properties, they cushion falls and thus reduce the risk of injury. The variety of colours in the collection gives designers plenty of scope for ideas. The UV resistance prevents the colours from bleaching out. The mechanical properties of the surfaces are retained for a long time. The coverings are fully tested to a range of Critical Fall Heights.

INDUSTRIAL APPLICATIONS:

CONICA resin – Solutions for industry

EXAMPLES OF AREAS OF APPLICATION

Filter systems – air filters for industry

Hard foam – printing cliché sleeves

Polyurethane casting resins – flap wheels

Binders – fall protection mats

TAILOR-MADE TO THE CUSTOMER'S SPECIFICATIONS

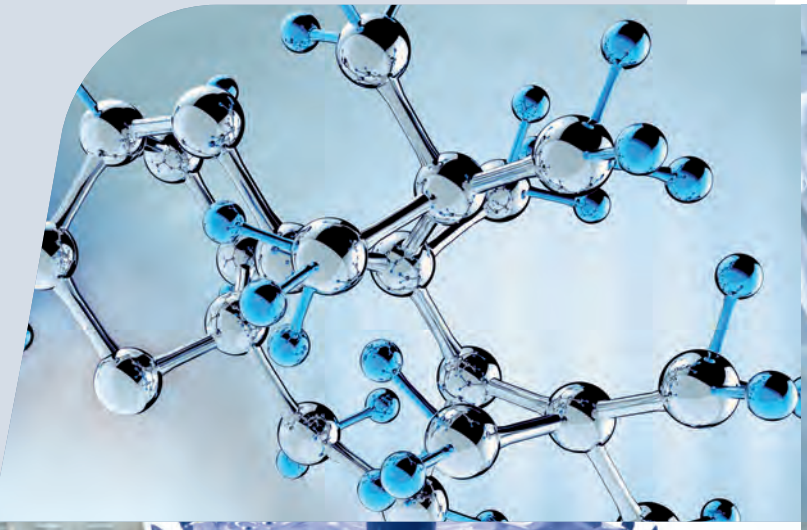
CONICA has been specialising in the development of polyurethanes and epoxy resins for a wide range of applications for 40 years. We develop semi-finished and finished products for industrial customers, which are used in the areas of casting, bonding and coating. The products are innovative and high-performance.

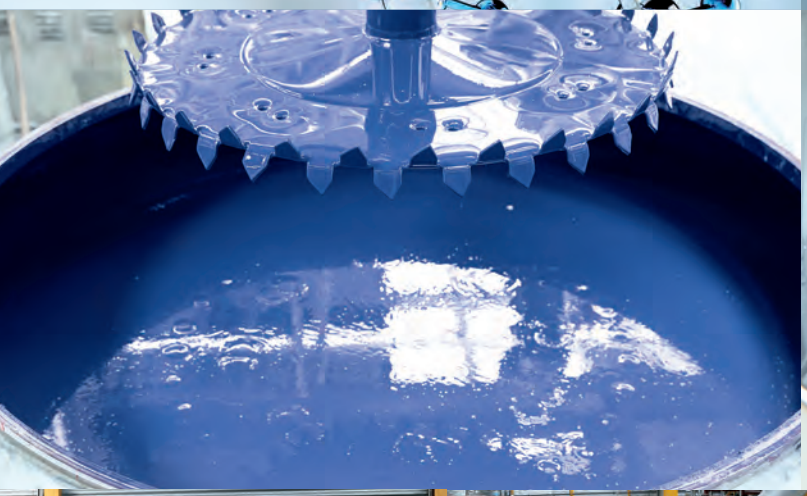
For industrial applications, the enduring high-quality products and efficient manufacturing processes are important to always stay one step ahead in international business. Our production in Switzerland ensures reliability, quality and efficiency through automated processes and quality controls. CONICA is certified in accordance with the latest international standards.

The products are tailor-made to the individual requirements and process parameters in the laboratory in cooperation with the client. Our many years of experience help us to achieve the development goal quickly and efficiently. Durability, temperature resistance, wear resistance and resistance to external influences are just some of our development goals.

Our customers come from a range of industries including adhesive manufacturers, insulating foam, fastening technology, filter systems and printing rollers. Moulded parts and elastic mats are also produced with our bonding agents. For this purpose, the resin system is mixed with rubber granulate, cork, EPDM or other recycled plastics and then moulded. This results in high-quality end products.

CONICA offers a wide range of raw materials and resins for industrial customers. We are also happy to use this experience for developing and manufacturing tailor-made systems in consultation with our customers.







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