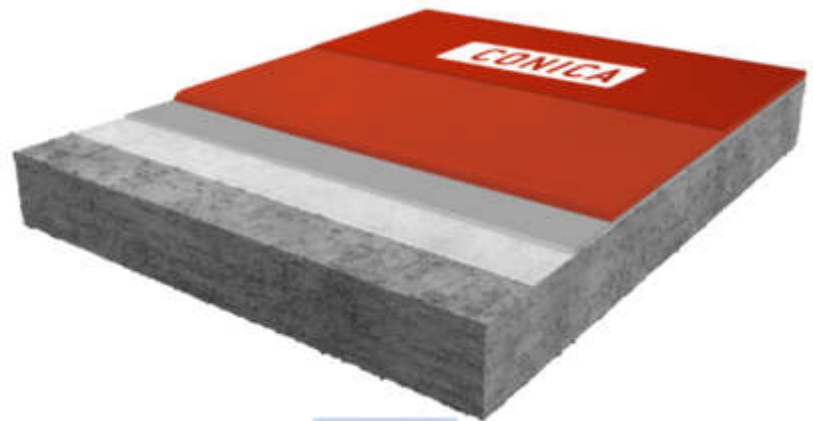


CONIFLOOR LPC

(Living Polyurethane Comfort)

Comfortable, very low-emission floor coating based on polyurethane resin, highly elastic, comfortable to walk with impact sound and walking noise-reducing properties for indoor use



- 1 Primer
- 2.1 Scratch coat optional
- 2.2 Levelling recommend
- 4 Self-levelling coating elastic
- 5 Topcoat pigmented

System design and consumption

| LAYER | PRODUCT | CONSUMPTION (kg/m ²) | QS / FILLER (kg/m ²) | APPLICATION |
|---|--|--|---|---|
| 1 Primer on strongly absorbent u. porous substrates, if necessary, 2-layer application * | CONIFLOOR 110 / CONIFLOOR 116LE | 0.3 – 0.5 * 2-layers if necessary or scratch coat | QS 03/08 0.8 – 1.0 | Squeegee / roller / brush Sand broadcasting, not in excess |
| 2.1 Scratch coat / levelling (optional) | CONIFLOOR 110 / CONIFLOOR 116LE filled with QS 01/03 | 0.6 – 1.0 QS 01/03 MR ≤ 1:1 | QS 03/08 2.0 – 3.0 | Trowel / smoothing rake / notched trowel or squeegee Sand broadcasting, not in excess |
| 2.2 Pore sealer / levelling layer (recommend) | CONIFLOOR 440 / alternative CONIFLOOR 440/1 FL | 0.8 – 1.0 | none | Trowel / smoothing rake / notched trowel or rake |
| 3 Highly elastic coating, self-levelling | CONIFLOOR 440 alternative CONIFLOOR 440/1 FL | 2.5 – 3.0 | none | Notched spatula or trowel / notched squeegee / spike roller for de-aerating at cold conditions or if needed recommend |
| 4 Top coat <u>pigmented</u>, matt | CONIFLOOR 541 CW alternative CONIFLOOR 541 CW ab | 0.12 – 0.15 | optional CONIFLOOR Ballotini for slip resistance | Roller (micro fibre) 11 mm |
| System layer thickness | ca. 2.0 – 3.0 mm | | | |
| Subsoil | Surfaces must be clean, stable, and free of cracks and voids. In general, substrates must be provided in accordance with the applicable regulations. (See also "General processing guidelines for CONICA coatings, CONICA seals and CONICA parking deck coating systems"). Adhesive tensile strength ≥ 1.5 N / mm ² , max. Residual moisture ≤ 4% -CM, on cementitious substrates. Special precautions must be taken in the event of higher residual moisture levels and moisture by rising water. Preparation of the surface e.g. by grinding (diamond) or shot blasting (Blastrac) with subsequent sweeping and vacuuming is mandatory. The above-mentioned consumption values have been determined in the laboratory under practical conditions to achieve the technical properties. In the case of existing on-site conditions and conditions such as temperature, surface roughness etc., the consumption values may deviate from the stated values. In case of doubt, we recommend creating sample areas on site. | | | |
| Notes | For other substrates, which are not mentioned here or special requirements, special primers must be used if necessary, please ask our technical service. Detailed processing instructions can be found in the respective product data sheets or are available on request. | | | |

Areas of application

- Hospitals, medical practices, Nursing homes
- Schools, kindergartens, universities, libraries
- Offices and public buildings
- Shops, restaurants, canteens
- Exhibition areas, entrance halls
- Private living areas

System properties

- **Very high** UV and colour resistance with pigmented aliphatic top coat
- Wide range of colours and for **individual design applications**
- **Very low emissions** tested according to AgBB, M1, A ++ and other standards
- **Reducing impact and walking noise** (2 - 3 dB)
- R9 - R11 non-slip surfaces
- **Comfortable** to walk and warm to feet
- **Hygienic**, joint and seamless surfaces easy to clean
- **Bacteriostatic** top coat to reduce bacterial grow **possible**
- Statically **crack bridging**
- Flame retardant class **B_{fl}-s1**



Technical data (internal / external approvals)

| PROPERTIES | STANDARD | VALUES |
|-------------------------------|--|--|
| Statically crack bridging | EN 1062-7 | Class A4 > 1.25 (achieved < 2.3 mm at 23°C) |
| Elongation at break (Coating) | DIN 53504 | ca. 150 % |
| Tear resistance | DIN 53515 | ca. 15 N/mm ² |
| Shore-hardness | DIN ISO 868 | 80 A after 28 d |
| Type of use | Following EN 685 | Private buildings: 23; public buildings: 34 |
| Impact sound reduction | ISO 10140-1 | ca. 2 – 3 dB |
| Impact strength | EN 13813 | ≥ 6 Nm (IR6) |
| Abrasion resistance (Taber) | ISO 9352, ASTM D 1044 | ≤ 15 mg (incl. top coat) |
| Abrasion resistance (BCA) | DIN EN 13813 | AR ≤ 0,5 |
| Slip resistance | DGUV guide line 108-003 / DIN 51130 | Class R9 / R10 / R11 |
| Adhesive strength | DIN ISO 4624 | ≥ 1,5 N/mm ² (Depending on subsoil) |
| Fire classification | EN 13501-1 | B _{fl} -s1 |
| Emission | AgBB / M1 / TÜV Proficert Premium | Very low emission |

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With the publication of this issue, all previous information on this system is no longer up to date. Since the data sheets are updated regularly, it is the responsibility of the user to have the current version available. Registered users can download current data sheets from our homepage at any time. We would be happy to send them to you on request.