



a. Silent Touch® - polymer layer based on PUR









b. AquaSafe special board

c. Backing for dimensional stability






**Tests**
**DIN/EN standard**
**Design flooring Catega® Flex DD 300**
**General data on product composition**

|  |   |
|--|---|
| Type of covering:                          | Semi-rigid multi-layer flooring panel with an abrasion-resistant decorative top layer |
| Total thickness:                           | approx. 5mm   |
| Effective measurement:<br>(length x width) | 2150 x 216mm  |
| Product structure:                         | a. SilentTouch® - polymer layer based on PUR<br>b. Wood fibre board<br>c. Backing     |

**Technical data**

|   |                            |   |
|---|----------------------------|---|
| Locking method:   |                            | Multiclic   |
|  Wear class:                               | ISO 10 874                 | 23   33   |
|  Wear resistance:                          | EN 15 468<br>(procedure B) | IP ≥ 5,000 U  |
|  Impact resistance:                        | EN 13 329<br>(appendix F)  | ≥ 1600mm  |
|  Stain resistance:                         | EN 438-2/25                | Group 1: grade 5<br>Group 2: grade 5<br>Group 3: grade 4  |
|   |                            | Coloured rubber, natural rubber or plastic glides and castors as well as dark car, bike or equipment tyres may possibly cause discolouration on flooring. Please only use light, non-migrating furniture glides, castors or tyres, if possible. |
|  Colour fastness:                          | EN ISO 105                 | ≥ stage 6 on the blue wool scale  |
|  Fire behaviour:                           | EN 13 501                  | C <sub>fl</sub> -s1 (hardly flammable)  |
|  Slip resistance:                          | EN 14 041 /<br>13 893      | DS  |
|  Formaldehyde emissions<br>(E1 = 0.1 ppm): | EN 717-1                   | ≤ 0.05 ppm  |

## Technical data

|   |   |                       |  |
|---|---|-----------------------|--|
|  | Indent after constant load:                         | EN ISO 24343-1        | no visible changes   |
|  | Castor resistance:                                  | EN 425                | no visible changes or damage with soft, standard castors   |
|  | Behaviour on simulation of shifting furniture foot: | EN 424                | no visible damage  |
|  | Underfloor heating:                                 |                       | Suitable for hot-water underfloor heating<br>Electrical underfloor heating is generally suitable when it is built into the floor screed or the concrete layer and thus does not lie on the concrete layer as foil heating. The heating elements   pipes   wires must lie across the entire area and not just be partly present. If the area is only partially heated, the floor covering must have expansion joints (system profile strips). The maximum permitted surface temperature is 29°C. Standard foil heating systems are generally not recommended. One exception is self-regulating heating systems which maintain the 29°C surface temperature. |
|   | Heat transfer resistance:                           | EN 12 667             | with MEISTER-Silence 15 DB: 0.05 m² K/W  |
|  | Footfall noise reduction:                           | DIN EN ISO 10140-3    | with MEISTER-Silence 15 DB: 17 dB  |
|   | Antislip:   | DIN 51 130<br>BGR 181 | R9   |

## Tolerances

|  |                                     |           |                   |
|--|-------------------------------------|-----------|-------------------|
|  | Right-angle of the elements:        | EN 16 511 | target values met |
|  | Determination of edge straightness: | EN 16 511 | target values met |
|  | Surface flushness:                  | EN 16 511 | target values met |
|  | Joint opening between the elements: | EN 16 511 | target values met |

## General data on environment, installation and care

|  |                                 |            |  |
|--|---------------------------------|------------|--|
|  | Blue Angel:                     | RAL-UZ 176 | awarded  |
|  | Disposal:                       |            | Residual pieces can be disposed of in household refuse (e.g. thermal treatment) Dispose large quantities according to municipal provisions (e.g. disposal to recycling centres) An energetic utilization in authorized plants is recommended.  |
|  | Cleaning and care:              |            | Cleaning after completion of construction work:<br>CC PU Cleaner<br>Day-to-day cleaning:<br>CC PU Cleaner<br>Freshening care:<br>CC Floor Mat  |
|  | Areas of application:           |            | The flooring Catega Flex DD 300 is suitable for all living areas as well as for commercial areas with heavy wear, e.g. open-plan offices, department stores, public buildings etc. This flooring is not suitable for installation in humid/wet areas (bathrooms, saunas etc.). Special requirements apply to treatment rooms and medical practices.  |
|  | Preconditions for installation: | DIN 18 365 | The substrates must be ready for laying on according to the generally recognised rules of the trade, taking into account VOB (German construction contract procedures), part C DIN 18 365 "parquetry work". The substrate must be dry (in the case of mineral substrates max. 2% or with underfloor heating 1.8 %, with anhydrite screed max. 0.5% or with underfloor heating 0.3 % residual moisture – measured with CM devices), even, firm and clean. Additionally, any unevenness of 3mm/ per initial metre and 2mm per further metre must be evened out according to DIN 18 202, table 3, line 4. The installation instructions provided with the product must be observed. For the installation an insulating underlay with a pressure stability of > 60 kPa (CS-value) and a special 5mm tapping block are necessary. |



**SilentTouch®**  
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MeisterWerke Schulte GmbH reserves the right to make alterations to material and structures when this serves to improve the quality.