MEISTER

Product data

Design flooring Meister Rigid-Vinyl

RS 500

Tests	DIN/EN standard	Design flooring Meister Rigid-Vinyl RS 500
General data on product composition		
Type of covering:		Semi-rigid multi-layer flooring panel with an abrasion-resistant decorative top layer
Total thickness:		approx. 5 mm
Effective measurement: (length × width)		730 x 146 mm
Product structure:		a. Multi-layer vinyl surface (wear layer 0.55 mm) with matt PUR coating b. Decor layer c. Rigid polymer base board – waterproof
Technical data		
Locking method:		UniZip
Wear class:	ISO 10 874	23 | 33
Wear resistance:	ISO 24338 (procedure B)	IP ≥ 5 000 cycles
Antibactierial surface property:	ISO 22196	Effectiveness of the antibacterial property against Staphylococcus aureus ATCC 6538P and Escherichia coli ATCC 8739: "strong", value of the antibacterial effect A ≥ 3.
Impact resistance: (large ball)	EN 13 329 (appendix F)	≥ 1 600 mm
Micro-scratch resistance:	EN 16094 (procedure A)	MSR-A2 / Change of gloss level ≤ 1.5 units at 60°
Stain resistance:	EN 438-2	Group 1: grade 5 Group 2: grade 5 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 design flooring. Please only use light, non-migrating furniture glides, castors or tyres, if possible.
Colour fastness:	EN ISO 105-B02	≥ stage 3 on the grey scale
Fire behaviour:	EN 13 501	Bfl-s1 (hardly flammable)

Technical data

DS	Slip resistance:	EN 14 041 / 13 893	DS
E1 **HCHO**	Formaldehyde emissions:	EN 717-1	E1 / REACH compliant
DL **PCP**	Content of pentachlorophenol:	EN 14 041 / 14 823	< 5 ppm
	Indent after constant load:	EN ISO 24343-1	≤ 0.1 mm
	Castor resistance:	EN ISO 4918	Type W. 25 000 cycles. No disturbing changes to the surface layer, only changes in gloss
	Behaviour on simulation of shifting furniture foot:	EN ISO 16581	Foot type 0: no visible damage
	Dimensional change due to change in temperature:	EN ISO 23999	< 0.15 %
	Underfloor heating:		Suitable for hot-water underfloor heating. 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.
	Underfloor cooling:		A separate leaflet is available for laying on cooled floor constructions.
	Heat transfer resistance:	EN 12 667	0.010 (m²K)/W
	Thermal conductivity:	EN 12 667	0.453 W/(m*K)
	Footfall noise reduction:	DIN EN ISO 10140-3	with MEISTER-Silence Compact: 15 dB
	Antislip:	DIN EN 16165 (appendix B)	R 10

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

Disposal:		Dispose residual pieces / large quantities according to municipal provisions (e.g. recycling centres).
Cleaning and care:		Cleaning after completion of construction work: Dr. Schutz PU Cleaner Day-to-day cleaning: Dr. Schutz PU Cleaner Freshening care: Dr. Schutz Floor Mat
Areas of application:		The flooring 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 suitable for installation in humid/wet areas (e. g. bathrooms). This flooring is not suitable for installation in outdoor areas, as well as in showers, public washrooms and saunas. Special requirements apply to treatment rooms and medical practices.
Preconditions for installation:	DIN 18 365	The laying surfaces must be considered to be ready for laying according to the generally recognised rules of the trade observing VOB, Part C, DIN 18 365 "Floor covering work". The laying surface must be dry (with a residual moisture of max. 2% for mineral subfloors or 1.8% with underfloor heating, or max. 0.5% for anhydrite screed or 0.3% with underfloor heating – measured using CM equipment), even, solid and clean. Furthermore, any unevenness of 3 mm per initial metre and 2 mm for each subsequent running metre must be evened out in accordance with DIN 18 202, Table 3, Row 4. We recommend consulting the technical information sheet 02 from the „Zentralverband für Parkett und Fußbo-dentechnik" (Central Association for Parquet Flooring and Flooring Technology) and the BEB (Federal Association of Screed and Floor Covering). The system-oriented MEISTER insulating underlay Silence Compact with a pressure stability of > 400 kPa (CS value) is required for floating installation. Other types of insulating underlay must meet the increased requirements in accordance with the technical bulletin "TM 1" from MMFA for Class 2 floor coverings. The installation instructions provided with the product must be observed. For the installation a special 5 mm tapping block is necessary.

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

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