

Product data

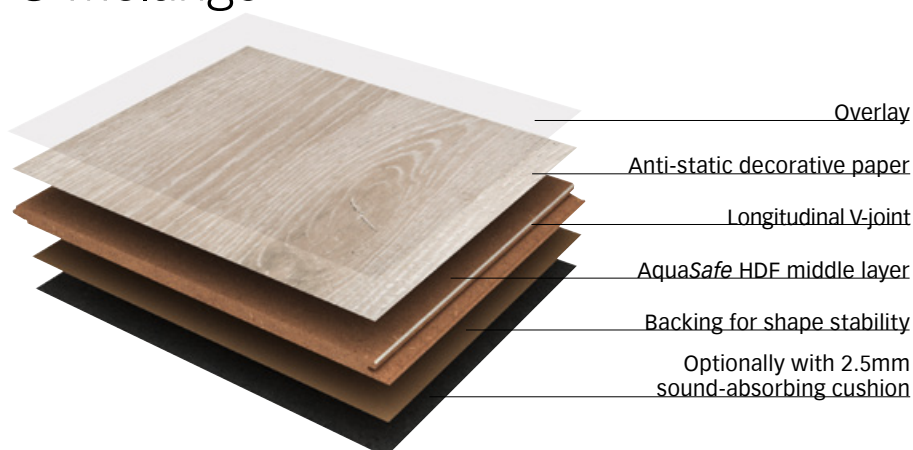
Laminate flooring LD 300|20 Melango | LD 300|20 S Melango

MEISTER

LD 300|20 Melango LD 300|20 S Melango












Dimensions:
2052 × 208 mm

Total thickness:
9 mm
11.5 mm with sound-
absorbing cushion



Tests	DIN/EN standard	LD 300 20 Melango	LD 300 20 S Melango
General data on product composition			
Type of covering:		flooring panel with top layer made of special-resin decorative paper	flooring panel with top layer made of special-resin decorative paper
Total thickness:		ca. 9 mm	ca. 11.5 mm
Measurements: (length × width)		2052 × 208 mm	2052 × 208 mm
Product composition: Anti-swelling base board AquaSafe		a. Overlay b. Antistatic decorative paper c. HDF panel (approx. 890 kg/m³ ± 3%) d. Backing	a. Overlay b. Antistatic decorative paper c. HDF panel (approx. 890 kg/m³ ± 3%) d. Backing e. Sound-absorbing cushion: 2.5mm
Technical data			
Locking method:		Mastercllic Plus	Mastercllic Plus
Wear class:	EN 13 329	23 32	23 32
Determination of personal voltage	EN 1815	in walk-over test according to DIN EN 1815 at climate of 23°C/25% relative humidity, the personal voltage was Up < 2 kV. The laminate flooring can be described in accordance with EN 14041:2004 as "antistatic floor covering".	

(continued on reverse)

Tests	DIN/EN standard	LD 300 20 Melango	LD 300 20 S Melango	
Technical data (continued from front)				
	Wear resistance:	EN 13 329 (appendix E)	AC4 (= IP ≥ 4.000 U)	AC4 (= IP ≥ 4.000 U)
	Impact resistance:	EN 13 329 (appendix F)	IC 2	IC 2
	Stain resistance:	EN 13 329 (EN 438-2/26)	group 1: grade 5 group 2: grade 5 group 3: grade 4-5	group 1: grade 5 group 2: grade 5 group 3: grade 4-5
	Colour fastness:	EN 13 329 (EN ISO 105)	≥ stage 6 on the blue wool scale	≥ stage 6 on the blue wool scale
	Resistance to cigarette ash burns:	EN 13 329 (EN 438-2/30)	grade 4	grade 4
	Fire behaviour:	EN 13 501	C _{fl} -s1 (flame resistant)	C _{fl} -s1 (flame resistant)
	Slip resistance:	EN 14 041 / 13 893	DS	DS
	Scratch resistance:	EN 438-2/25	≥ 5 N	≥ 5 N
	Formaldehyde emissions (E1 = 0.1 ppm):	EN 717-1	≤ 0.05 ppm	≤ 0.05 ppm
	Indent after constant load:	EN 13 329 (EN 433)	no visible changes, 0.00mm indent	no visible changes, 0.00mm indent
	Castor resistance:	EN 13 329 (EN 425)	no visible changes or damage with soft, stand- ard castors	no visible changes or damage with soft, stand- ard castors
	Behaviour on simulation of shifting furniture foot:	EN 13 329 (EN 424)	no visible damage	no visible damage

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Technical data (continued from front)

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 26°C.

Standard foil heating systems are generally not recommended. One exception is self-regulating heating systems which maintain the 26°C surface temperature.

Heat transfer resistance (m² K/W) ISO 8302
with MEISTER Duo-Guard:
with MEISTER-Silence 25 DB:
with 0.2 mm PE-film:

0.140 m² K/W

0.0896 m² K/W

0.0829 m² K/W



Footfall noise reduction ISO 140-8
with MEISTER Duo-Guard:
with MEISTER-PE-film:

17 dB

16 dB

Tolerances

Right-angle of the elements:

EN 13 329

target values met

target values met

Determination of edge straightness:

EN 13 329

target values met

target values met

Surface flushness:

EN 13 329

target values met

target values met

Joint opening between the elements:

EN 13 329

target values met

target values met

General data on environment, installation and care

Blue Angel:

RAL-UZ 38



awarded

awarded

Disposal:

energetic reutilisation: residual pieces can be disposed of in household refuse (e.g. thermal treatment)

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Tests	DIN/EN standard	LD 300 20 Melango	LD 300 20 S Melango
General data on environment, installation and care (continued from front)			
Cleaning and care:		Cleaning after construction work: CC laminate cleaning agent Regular cleaning: CC laminate cleaning agent Special cleaning: CC-Elatex	Cleaning after construction work: CC laminate cleaning agent Regular cleaning: CC laminate cleaning agent Special cleaning: CC-Elatex
Areas of application:		The LD 300 20 Melango collection is suitable for all living areas as well as for commercial areas with normal wear e.g. offices, waiting rooms, boutiques etc. This flooring is not suitable for installation in humid rooms (bathrooms, saunas etc.)	The LD 300 20 S Melango collection is suitable for all living areas as well as for commercial areas with normal wear e.g. offices, waiting rooms, boutiques etc. This flooring is not suitable for installation in humid rooms (bathrooms, saunas etc.)
Preconditions for installation:	DIN 18 356	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 18 356 "parquetry work". The substrate must be dry (in the case of mineral substrates max. 2%, with anhydrite screed max. 0.5% 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.	
	The CE mark confirms that MEISTER laminate flooring corresponds to all European health and safety guidelines.		
	General technical approval no. Z-156.606-464		
MeisterWerke Schulte GmbH reserves the right to make alterations to material and structures when this serves to improve the quality.			