

Technical specification									
Laminate flooring acc. to EN 13329		moderna impression	moderna impression 4V	moderna elegance	moderna lifestyle	moderna vision	moderna horizon	moderna variation	moderna skyline
Total thickness		7 mm	7 mm	8 mm	8 mm	8 mm	8 mm	8 mm	12 mm
Format (l x w)		1288 x 198 mm	1288 x 198 mm	1288 x 244 mm	1288 x 198 mm	1288 x 198 mm	1288 x 328 mm	1288 x 198 mm 1288 x 328 mm	2052 x 220 mm
Package contents		12 pcs. = 3.060 m²	12 pcs. = 3.060 m²	8 pcs. = 2.514 m²	10 pcs. = 2.550 m²	10 pcs. = 2.550 m²	6 pcs. = 2.535 m²	10 pcs. = 2.550 m² 6 pcs. = 2.535 m²	4 pcs. = 1.806 m²
Joint pattern		jointless	all-round V-bevel	all-round V-bevel	jointless	all-round V-bevel	longitudinal V-bevel	all-round V-bevel	all-round V-bevel
Connection system		MULTICLIC	MULTICLIC	MULTICLIC	MULTICLIC	MULTICLIC	MULTICLIC	MULTICLIC	MASTERCIC PLUS
Wear class	EN 13329	23/31	23/31	23/32	23/32	23/32	23/32	23/32	23/32
Density HDF base board		appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]	appr. 890 kg/m³ [± 3%]
Wear resistance	EN 13329 (appendix E)	AC3 (IP ≥ 2000 U)	AC3 (IP ≥ 2000 U)	AC4 (IP ≥ 4000 U)	AC4 (IP ≥ 4000 U)	AC4 (IP ≥ 4000 U)	AC4 (IP ≥ 4000 U)	AC4 (IP ≥ 4000 U)	AC4 (IP ≥ 4000 U)
Impact resistance	EN 13329 (appendix F)	IC 1	IC 1	IC 2	IC 2	IC 2	IC 2	IC 2	IC 2
Stain resistance	EN 13329 (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	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	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	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 13329 (EN ISO 105)	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale	≥ stage 6 on blue wool scale
Fire behaviour	EN 13501	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)	Cfl-s1 (hardly flammable)
Slip resistance	EN 14041/13893	DS	DS	DS	DS	DS	DS	DS	DS
Scratch resistance	EN 438-2/25	≥ 5 N	≥ 5 N	≥ 5 N	≥ 5 N	≥ 5 N	≥ 5 N	≥ 5 N	≥ 5 N
Formaldehyde emissions [E1 = 0.1 ppm]	EN 717-1	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm
Thermal resistance	EN 12667	0.050 (m²K)/W	0.050 (m²K)/W	0.057 (m²K)/W	0.057 (m²K)/W	0.057 (m²K)/W	0.057 (m²K)/W	0.057 (m²K)/W	0.085 (m²K)/W
Thermal conductivity	EN 12667	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)	0.136 W/(m*K)
Indent after constant load	EN 13329 (EN 433)	no visible changes	no visible changes	no visible changes	no visible changes	no visible changes	no visible changes	no visible changes	no visible changes
Castor resistance	EN 13329 (EN 425)	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W	no visible changes or damage with soft, standard castors - type W
Behaviour on simulation of shifting furniture foot	EN 13329 (EN 424)	no visible damage	no visible damage	no visible damage	no visible damage	no visible damage	no visible damage	no visible damage	no visible damage
Underfloor heating		suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature	suitable for hot-water underfloor heating / floor screed integrated systems; maximum surface temperature
Right-angle of the elements	EN 13329	target values met	target values met	target values met	target values met	target values met	target values met	target values met	target values met
Determination of edge straightness	EN 13329	target values met	target values met	target values met	target values met	target values met	target values met	target values met	target values met
Surface flushness	EN 13329	target values met	target values met	target values met	target values met	target values met	target values met	target values met	target values met
Joint opening between the elements	EN 13329	target values met	target values met	target values met	target values met	target values met	target values met	target values met	target values met
Disposal		Residual pieces can be disposed of in household refuse (e.g. thermal treatment). Dispose large quantities according to municipal provisions (e.g. recycling centres). An energetic utilization in authorized plants is recommended.							

