



| Product properties | | |
|--|---|--|
| Format | 2200 x 185 x 13 mm | |
| Top layer | ca. 3.6 mm | |
| Packaging | Pack | 9 Elements / 3.663 m ² / 29.304 kg |
| | Pallet | 32 Packs / 117.216 m ² / 937.728 kg |
| Guarantee (according to Parador guarantee conditions) | | 25 years (domestic area) |
| Notes | - cleaning and maintenance see instructions - technical changes reserved | |

Product labelling






| | | | | |
|--|---|--|---|---|
|  EN 14342:2013 |  |  |  www.blauer-engel.de/luz176 |  |
|  |  |  |  | |

*not valid for smoked products.




Tolerances (EN 13489)

| | |
|--|----------------|
| Admissible difference in length (± 0.1 %) | ± 0.05 % |
| Admissible difference in width (± 0.2 mm) | ± 0.1 mm |
| Squareness of the element (≤ 0.2 %) | ≤ 0.05 % |
| Longitudinal curvature along the element (≤ 0.1 %) | ≤ 0.05 % |
| Transverse curvature across the width (≤ 0.2 %) | ≤ 0.08 % |
| Height differences of elements (≤ 0.2 mm) | ≤ 0.18 mm |
| Moisture content at the time of first delivery (5-9%) | 6 – 8 % |

Classification general product features

| | Test method | Rating |
|---|--------------|---|
|  Resistance to roller castor chairs | EN 425 | We recommend the use of a conventional chairmat |
|  Effect of a furniture leg | EN 424 | No visible changes |
|  Thermal resistance Suitable for installation over underfloor heating when using an appropriate underlay and moisture barrier. | EN ISO 10456 | 0.087 m ² *K/W |
|  Formaldehyde (E1 = 0.1 ppm) | EN 717-1 | ≤ 0.05 ppm |
|  Acoustical - Impact noise reduction | ISO 717-2 | 18 dB (with Akustik-Protect 100) |
| Disposal | | EAK-Code-number 20 01 38 |

Classification surface characteristics

| | Test method | Rating | |
|--|---|--------------------|--|
| | | Lacquer | Natural oiled plus |
|  Slip resistance | EN 13893 | $\mu \geq 0.47$ | $\mu \geq 0.49$ |
| | CEN/TS 15676 | 29 SRT (SRV wet) | 99 (USRV) |
| | | 51 SRT (SRV dry) | |
|  Reaction to fire, click-installation as a floating floor | EN 13501-1 | D _{fl} s1 | |
| | Reaction to fire, installation by all-over adhesion | EN 13501-1 | D _{fl} s1 |
|  Chemical resistance | EN 13442 | Category 5 | Category 5 excepting ammonia solution (cat. 2) |
| Bond strength / Gross cut test | ISO 2409 | 0 | n.n. |
| Slip resistance, inclined plane | DIN 51130 | R 9 | R 10 |

| | | | |
|--|------------|-------------------|---|
| Changed: | QMB | File name: | PA_TDS_Parkett_Classic_EN_20210401 |
| Date: | 01.08.2013 | Latest update at: | https://parador.de/en/services/downloads/engineered-wood-flooring |
| Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from: | | | 01.04.2021 |

| Free sorting according to EN 13489 | | | | | | | | |
|--|-------------------------------------|--|--|--|---|--|---------------------------------------|--|
| Assortment: | Block | | | | | | | |
| Characteristics according to EN 1310: | Upper side of the lamella | | | | | | | |
| Type of wood: | Canadian maple | European maple | Beech | | Oak | | | |
| Botanical designation / Code (EN 13556): | Acer saccharum Marsh. / ACSC | Acer pseudoplatanus L. / ACPS | Fagus sylvatica L. / FASY | | Quercus petraea Liebl., Quercus robur L. / QCXE | | | |
| Shortcut / sorting / date (internal): | ES-L-AHC | ER-L-BAH | ER-L-BU | | ER-L-EI | | | |
| | Version 3 2012 | Version 5 2019 | Version 7 2019 | | Version 13 2019 | | | |
| | N2 | N2 | N2 | N3 | N1 | N2 | N3 | N4 |
| Grade: | Nature | Nature | Nature | Living | Select | Nature | Living | Living knotty |
| Sound sapwood | - | - | - | - | not permitted | not permitted | permitted (also slightly discoloured) | permitted (also slightly discoloured) |
| Knot (intergrown) | not permitted | permitted: up to 10mm | permitted: up to 10mm | permitted: up to 20 mm | not permitted | not permitted | not permitted | permitted: up to 30 mm |
| Falling out knot | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | permitted: up to 20 mm |
| Pinkknots | permitted: up to 2 mm | permitted | permitted | permitted | not permitted | permitted: up to 6 mm | permitted: up to 15 mm | permitted: clusters of knots |
| Filling | not permitted | not permitted | not permitted | permitted | not permitted | not permitted | permitted | permitted |
| Slight cracks / hairline cracks | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Sugar inclusions, mineral inclusions | permitted: black stripes | permitted: colour inclusions up to 80 mm | permitted: colour inclusions up to 80 mm | permitted: colour inclusions | - | - | - | - |
| Bark pocket | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Lightning cracks | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | permitted | permitted |
| Slope of grain | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion |
| Healthy heart | not permitted | permitted: up to 10mm | permitted: up to 10mm | permitted | - | - | - | permitted |
| Medullary ray | not permitted | permitted | permitted | permitted | permitted | permitted | permitted | permitted |
| Discoloration, colour variation | permitted: slight colour variations | permitted: all colours, slight discoloration | permitted: all colours | permitted: all colours, slight discoloration | permitted: slight colour variations | permitted: all colours, slight discoloration | permitted: all colours | permitted: all colours, slight discoloration |
| White streaks | - | - | - | - | not permitted | permitted | permitted | permitted |
| Pilling sticks marking | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Biodeterioration (EN 1311) | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Non-visible parts | | | | | | | | |
| All features without restrictions to size or quantity permitted, provided they do not affect the strength or durability of the floor. | | | | | | | | |
| Comment | | | | | | | | |
| Maximum 3% of lamellas are allowed in the next lower grading. Wood is a natural product and therefore different in colour and texture. Samples, brochures and photos are therefore only approximate and not binding. The action of sunlight affects the natural variation in wood shade. This allows the product present at the time of delivery of significant differences to master. | | | | | | | | |

| | | | |
|--|------------|-------------------|---|
| Changed: | QMB | File name: | PA_TDS_Parkett_Classic_Anhang_EN_20210401 |
| Date: | 01.05.2013 | Latest update at: | https://parador.de/en/services/downloads/engineered-wood-flooring |
| Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from: | | | 01.04.2021 |
| | | | Page 1 of 3 |

| Free sorting according to EN 13489 | | | | | | | |
|--|---|-------------------------------------|------------------------|-------------------------|------------------------|---|------------------------------|
| Assortment: | Block | | | | | Fineline pattern | |
| Characteristics according to EN 1310: | Upper side of the lamella | | | | | Upper side of the lamella | |
| Type of wood: | Ash | European cherry steamed | | American walnut | | Oak | Ash |
| Botanical designation / Code (EN 13556): | Fraxinus excelsior L. / FXEX | Prunus avium L. / PRAV | | Juglans nigra L. / JGNG | | Quercus petraea Liebl., Quercus robur L. / QCXE | Fraxinus excelsior L. / FXEX |
| Shortcut / sorting / date (internal): | ER-L-ES | ES-L-KIR eur | | ER-L-SWN | | ER-L-EI | ER-L-ES |
| | Version 9 2020 | Version 3 2012 | | Version 5 2015 | | Version 1 2011 | Version 1 2011 |
| | N3 / A3 | N2 | N3 | N2 | N3 | N2 | N2 / N3 |
| Grade: | Living | Nature | Living | Nature | Living | Nature | Rustique |
| Sound sapwood | - | permitted | permitted | permitted | permitted | permitted | - |
| Knot (intergrown) | permitted: up to 30 mm | not permitted | permitted: up to 15 mm | permitted: up to 30 mm | permitted: up to 30 mm | permitted: up to 30 mm | permitted: up to 30 mm |
| Falling out knot | not permitted | not permitted | not permitted | not permitted | not permitted | permitted: up to 10 mm | not permitted |
| Pinkknots | permitted: up to 3 mm | permitted: up to 3 mm | permitted | permitted: up to 3 mm | permitted: up to 8 mm | permitted: cluster of knots | permitted: up to 3 mm |
| Filling | permitted | not permitted | permitted | permitted | permitted | permitted | permitted |
| Slight cracks / hairline cracks | not permitted | not permitted | not permitted | not permitted | permitted | not permitted | not permitted |
| Sugar inclusions, mineral inclusions | permitted | - | - | - | permitted | - | permitted |
| Bark pocket | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Lightning cracks | not permitted | - | - | not permitted | permitted | permitted | not permitted |
| Slope of grain | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion |
| Healthy heart | permitted: black core up to 75% of a lamella / brown lamellas up to 50% per plank | - | - | - | - | permitted | permitted |
| Medullary ray | permitted | - | - | - | - | permitted | permitted |
| Discoloration, colour variation | permitted: all colours / discolorations | permitted: slight colour variations | permitted: all colours | permitted | permitted | permitted | permitted |
| White streaks | not permitted | not permitted | not permitted | - | - | permitted | permitted |
| Pilling sticks marking | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Biodeterioration (EN 1311) | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Non-visible parts | | | | | | | |
| All features without restrictions to size or quantity permitted, provided they do not affect the strength or durability of the floor. | | | | | | | |
| Comment | | | | | | | |
| Maximum 3% of lamellas are allowed in the next lower grading. Wood is a natural product and therefore different in colour and texture. Samples, brochures and photos are therefore only approximate and not binding. The action of sunlight affects the natural variation in wood shade. This allows the product present at the time of delivery of significant differences to master. | | | | | | | |

| | | | |
|--|------------|-------------------|---|
| Changed: | QMB | File name: | PA_TDS_Parkett_Classic_Anhang_EN_20210401 |
| Date: | 01.05.2013 | Latest update at: | https://parador.de/en/services/downloads/engineered-wood-flooring |
| Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from: | | | 01.04.2021 |
| | | | Page 2 of 3 |

| Free sorting according to EN 13489 | | | | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|
| Assortment: | Wide plank | | | | | | | | |
| Characteristics according to EN 1310: | Upper side of the floor board | | | | | | | | |
| Type of wood: | Oak | | | | | | Ash | Larch | |
| Botanical designation / Code (EN 13556): | Quercus petraea Liebl., Quercus robur L. / QCXE | | | | | | Fraxinus excelsior L. / FXEX | Larix decidua Mill. / LADC | |
| Shortcut / sorting / date (internal): | ER-LH-EI | | | ER-LH-EI ger. | | ER-LH-EI themo | ER-LH-ES | ER-LH-LÄR | |
| | Version 3 2019 | | | Version 10 2019 | Version 3 2019 | Version 10 2019 | Version 2 2016 | Version 3 2021 | Version 1 2014 |
| | LH N2 | LH N3 | LH N4 | LH N6 | LH N3 | LH N6 | LH N4 | LH N4 | LH N5 |
| Grade : | Select | Nature | Living | Rustique | Nature | Rustique | Living | Living | Rustique |
| Sound sapwood | not permitted | not permitted | permitted | not permitted | not permitted | not permitted | permitted | - | permitted |
| Knot (intergrown) | permitted: up to 15 mm | permitted: up to 30 mm | permitted: up to 50 mm | permitted: up to 80 mm | permitted: up to 30 mm | permitted: up to 80 mm | permitted: up to 50 mm | permitted: up to 30 mm | permitted: up to 50 mm |
| Falling out knot | not permitted | permitted: up to 25 mm | permitted: up to 25 mm | permitted: up to 60 mm | permitted: up to 25 mm | permitted: up to 60 mm | permitted: up to 30 mm | permitted: up to 15 mm | permitted: up to 25 mm |
| Pinkknots | permitted | permitted | permitted: cluster of knots | permitted: cluster of knots | permitted | permitted: cluster of knots | permitted: cluster of knots | permitted | permitted |
| Filling | permitted | permitted | permitted | permitted | permitted | permitted | permitted | permitted | permitted |
| Slight cracks / hairline cracks | not permitted | permitted | permitted | permitted | not permitted | permitted | permitted | not permitted | permitted |
| Sugar inclusions, mineral inclusions | - | - | - | - | - | - | - | not permitted | permitted: resin galls |
| Bark pocket | not permitted | not permitted | not permitted | permitted | not permitted | not permitted | not permitted | not permitted | permitted |
| Lightning cracks | permitted: in knots | permitted: in knots | permitted: in knots | permitted: in knots | permitted: in knots | permitted: in knots | permitted | permitted | permitted: in knots |
| Slope of grain | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion | no criterion |
| Healthy heart | not permitted: coretube | not permitted: coretube | not permitted: coretube | permitted | not permitted: coretube | permitted | not permitted | permitted: black core up to 75% of a plank / up to 30 % of planks | - |
| Medullary ray | permitted | permitted | permitted | permitted | permitted | permitted | permitted | permitted | permitted |
| Discoloration, colour variation | permitted: slight colour variations | permitted: slight colour variations | permitted: slight colour variations | permitted: slight colour variations | permitted: slight colour variations | permitted: slight colour variations | permitted: slight colour variations | Permitted: all colours | permitted: slight colour variations |
| White streaks | not permitted | permitted | permitted | permitted | not permitted | permitted | not permitted | - | - |
| Pilling sticks marking | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Biodeterioration (EN 1311) | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted | not permitted |
| Non-visible parts | | | | | | | | | |
| All features without restrictions to size or quantity permitted, provided they do not affect the strength or durability of the floor. | | | | | | | | | |
| Comment | | | | | | | | | |
| Maximum 3% of floor board are allowed in the next lower grading. Wood is a natural product and therefore different in colour and texture. Samples, brochures and photos are therefore only approximate and not binding. The action of sunlight affects the natural variation in wood shade. This allows the product present at the time of delivery of significant differences to master. | | | | | | | | | |

| | | | |
|--|------------|-------------------|---|
| Changed: | QMB | File name: | PA_TDS_Parkett_Classic_Anhang_EN_20210401 |
| Date: | 01.05.2013 | Latest update at: | https://parador.de/en/services/downloads/engineered-wood-flooring |
| Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from: | | | 01.04.2021 |
| | | | Page 3 of 3 |