

# Villapark

## Technical data

|   |   |
|---|---|
| Type of wood                                    | Oak   |
| Grading   | 14  |
| Colour  | Mandorla  |
| Surface structure                               | beveled 2V, deep brushed  |
| Surface treatment                               | natural oiled   |
| Format  | 2100 x 190 x 9.5 mm   |
| Number of layers                                | 2   |
| Top layer thickness                             | ≥ 2.5 mm  |
| Laying method                                   | glued to subfloor   |
| Connection                                      | Tongue + groove   |
| Packing unit                                    | 2.4 m2/package  |
| Wood origin                                     | Oak: Europe, HDF: Germany                                       |
| Label health and sustainability                 |   |
| Wood label                                      | Wood from controlled sources                                    |
| eco-bau   | «base», does not infringe criteria of exclusion of Minergie-ECO |
| Sentinel Haus institute                         | fulfilled   |
| Cradle to Cradle Certified®                     | Bronze  |
| Label on VOC-emissions for France               | A+  |
| Release of formaldehyde according to EN 717-1   | E 1   |
| Density - top layer                             | ~ 650 kg/m <sup>3</sup>   |
| Grammage  | ~ 8.32 kg/m <sup>2</sup>  |
| Hardness Brinell - top layer *1                 | ~ 38 N/mm <sup>2</sup>  |
| Shrinkage and swelling *2                       | 0.25 %  |
| Floor heating (Thermal resistance)              | 100% convenient ( ~0.064 m <sup>2</sup> K/W )                   |
| Moisture content                                | 5-9 %   |
| Fire Resistance acc. to EN 14342 and EN 13501-1 | Cfl-s1  |
| Slip resistance grade                           |   |
| according to CEN/TS 15676 *3                    | USRV 54   |
| according to DIN-EN 51130 *4                    | R10   |
| Product standard                                | EN 13489  |

\*1 at moisture content of 7 %

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\*2 top layer at free storage, based on a humidity change of 1 %

\*3 Pendulum test

\*4 inclined plane