

### Product characteristics

| FORMAT                    | Mandal & Drammen         |       |
|---------------------------|--------------------------|-------|
| Width                     | 190                      | mm    |
| Length                    | 1200                     | mm    |
| Number of panels per pack | 7                        |       |
| m² per pack               | 1.596                    | m²    |
| Bevels                    | Mandal: 0V / Drammen: 4V |       |
| Thickness                 | 8,0                      | mm    |
| Tongue and groove         | Uniclic                  |       |
| Water resistance warranty | 5                        | years |



### FACTORY WARRANTY

|             | METHOD          | PARAMETERS       | Pergo VALUES            |                |
|-------------|-----------------|------------------|-------------------------|----------------|
| Usage class | EN 13329        |                  | Class                   | 21-22-23/31-32 |
| CE          | EN 14041        | Notified body    | NB0766 EPH Dresden      |                |
| Warranty    | Residential use |                  | See warranty conditions | 25 years       |
|             |                 | Water resistancy |                         | 5 years        |
|             | Commercial use  |                  | See warranty conditions | 5 years        |
|             |                 | Water resistancy |                         | 5 years        |

### GENERAL DATA (ACCORDING TO EN 13329)

|                                                           | METHOD                                           | PARAMETERS                  | NORM REQUIREMENTS                                        | Pergo VALUES      |        |
|-----------------------------------------------------------|--------------------------------------------------|-----------------------------|----------------------------------------------------------|-------------------|--------|
| Wear resistance                                           | EN 13329                                         |                             | ≥ 4000 cycles                                            | ≥ 4000            | cycles |
| Wear class                                                | EN 13329                                         |                             | AC4                                                      | AC4               |        |
| Impact resistance                                         | EN 13329                                         | Small ball                  | ≥ 12N                                                    | ≥ 12N             |        |
|                                                           |                                                  | Big ball                    | ≥ 750mm                                                  | ≥ 750mm           |        |
| Scratch resistance                                        | EN 438-2, 25                                     |                             | Charge ≥ 3N                                              | Charge            | ≥ 5N   |
| Effect of a castor chair                                  | ISO 4918 (with underlay)                         | Type W (EN 12529)           | 25000 cycles                                             | No change         |        |
| Thickness swelling                                        | ISO 24336                                        | After 24h immersion at 20°C | ≤ 18%                                                    | ≤ 12%             |        |
| Locking strength                                          | ISO 24334                                        | F10,2 long side             | ≥ 1 kN/m                                                 | ≥ 1               | kN/m   |
|                                                           |                                                  | Fmax long side              |                                                          | ≥ 1               | kN/m   |
|                                                           |                                                  | Fs0,2 short side            | ≥ 2 kN/m                                                 | ≥ 2               | kN/m   |
|                                                           |                                                  | Fmax short side             |                                                          | ≥ 2               | kN/m   |
| Effect of a furniture leg                                 | EN 424                                           |                             | No damage shall be visible, when tested with foot type 0 | No visible damage |        |
| Surface soundness                                         | EN 13329                                         | N/mm²                       | ≥ 1,25                                                   | ≥ 1,50            |        |
| Static indentation                                        | EN ISO 24343-1                                   |                             | residual indentation ≤ 0,05 mm                           | No visible change |        |
| Resistance to staining                                    | EN 438                                           | Group 1,2                   | Class 5                                                  | Class             | 5      |
|                                                           |                                                  | Group 3                     | Class 4                                                  | Class             | 4      |
| General appearance                                        | EN 13329                                         | Height differences          | ≤ 0,15 mm                                                | ≤ 0,10 mm         |        |
|                                                           |                                                  | Opening between joints      | ≤ 0,20 mm                                                | ≤ 0,10 mm         |        |
|                                                           |                                                  | Cupping in the length       | concave ≤ 0,50%                                          | ≤ 0,50%           |        |
|                                                           |                                                  |                             | convex ≤ 1,00%                                           | ≤ 1,00%           |        |
|                                                           |                                                  | Cupping in the width        | concave ≤ 0,15%                                          | ≤ 0,15%           |        |
|                                                           |                                                  |                             | convex ≤ 0,20%                                           | ≤ 0,20%           |        |
| Dimensional variations after changes in relative humidity | EN 13329                                         | δl                          | δl average ≤ 0,9 mm                                      | ≤ 0,9 mm          |        |
|                                                           |                                                  | δw                          | δw average ≤ 0,9 mm                                      | ≤ 0,9 mm          |        |
| Light fastness                                            | EN ISO 4892-2:2006/A1:2009 procedure B - cycle 5 | grey reference              | Class ≥ 4                                                | Class             | 4      |



### OTHER TECHNICAL DATA

| METHOD                 | PARAMETERS  | NORM REQUIREMENTS   | Pergo VALUES                                               |
|------------------------|-------------|---------------------|------------------------------------------------------------|
| Impact sound reduction | ISO 712/2   | On a Pergo underlay | $\Delta L_w \approx 20$ dB<br>(Depending on used underlay) |
| Burning cigarette      | EN 438-2:30 | Class 4             | Class 5                                                    |
| Density                | EN 323      |                     | $\approx 875$ kg/m <sup>3</sup>                            |

### ENVIRONMENT, SAFETY & HEALTH

| METHOD                | PARAMETERS          | NORM REQUIREMENTS        | Pergo VALUES             |
|-----------------------|---------------------|--------------------------|--------------------------|
| Formaldehyde emission | EN 717-1            | ppm                      | $E1 < 0,1$<br>< 0,01     |
| Anti-static           | EN 1815             | $\leq 2,0$ kV            | $\leq 2,0$ kV            |
| Reaction to fire      | EN 13501-1          | Class                    | Cfl-s1                   |
| Thermal resistance    | EN 12996:2001       | m <sup>2</sup> K/W       | 0,055 m <sup>2</sup> K/W |
| Floor heating         | On a Pergo underlay | See special instructions | Suitable                 |
| Slip resistance       | EN 13893            | $\mu$                    | DS: $\mu \geq 0,30$      |

### CERTIFICATES

|                      |               |
|----------------------|---------------|
| U-zeichen            | Z-156.606-996 |
| AFFSET               | A+            |
| PEFC                 | PEFC/07-32-37 |
| M1                   |               |
| Singapore Greenlabel | 035-098-1422  |
| Nordic ecolabel      | 30290001      |
| EPD                  |               |
| EU Ecolabel          | SE/035/001    |

