

# BOLON FLOORING

# SILENCE

## PRODUCT SPECIFICATION

Woven vinyl flooring, product standard EN 1307.

| GENERAL INFORMATION                                                                 |                                 |                       | ROLLS                                                      | TILES                                                      | ACOUSTIC FELT                                              |
|-------------------------------------------------------------------------------------|---------------------------------|-----------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|    | Use classification              | EN 1307               | 33 Heavy                                                   | 33 Heavy                                                   | 33 Heavy                                                   |
|    | Weight                          | ISO 8543              | 0.61 lb/ sqft (3.0 kg/ m²)                                 | 0.82 lb/ sqft (4.0 kg/ m²)                                 | 0.76 lb/ sqft (3.7 kg/ m²)                                 |
|    | Thickness                       | ISO 1765              | 0.10" (2.5 mm)                                             | 0.12" (3.0 mm)                                             | 0.20" (5.1 mm)                                             |
|    | Roll dimension                  | ISO 24341             | 6'7" x 82' (2 x 25 m)                                      |                                                            |                                                            |
|    | Tile dimension                  | EN ISO 24342          |                                                            | 19.7" x 19.7" (500 x 500 mm)                               | 19.7" x 19.7" (500 x 500 mm)                               |
|                                                                                     | Recycled content                | ISO 14021             | 66%                                                        | 72%                                                        | 69%                                                        |
| DURABILITY                                                                          |                                 |                       |                                                            |                                                            |                                                            |
|    | Castor chair                    | EN 985                | Continuous use                                             | Continuous use                                             | Continuous use                                             |
|   | Color fastness to light         | EN ISO 105-B02        | >7                                                         | >7                                                         | >7                                                         |
|  | Dimension stability             | ISO 2551<br>EN 986    | Fulfilled                                                  | Fulfilled                                                  | Fulfilled                                                  |
| ACOUSTIC                                                                            |                                 |                       |                                                            |                                                            |                                                            |
|  | Impact sound insulation         | EN ISO 10140          | 12 dB                                                      | 13 dB                                                      | 21 dB                                                      |
|  | Airborne sound absorption       | EN ISO 354 $\alpha_w$ | 0.05                                                       | 0.05                                                       | 0.15                                                       |
|  | Airborne sound absorption       | EN ISO 354 $\alpha_s$ | 250 Hz 0.01<br>500 Hz 0.01<br>1000 Hz 0.05<br>2000 Hz 0.09 | 250 Hz 0.01<br>500 Hz 0.01<br>1000 Hz 0.05<br>2000 Hz 0.09 | 250 Hz 0.01<br>500 Hz 0.19<br>1000 Hz 0.12<br>2000 Hz 0.09 |
| ADDITIONAL PROPERTIES                                                               |                                 |                       |                                                            |                                                            |                                                            |
|  | Anti slip property              | DIN 51130             | R9                                                         | R9                                                         | R9                                                         |
|                                                                                     | Pendulum                        | EN 13036-4            | 94-95                                                      | 94-95                                                      | 94-95                                                      |
|                                                                                     | Dynamic coefficient of friction | EN 13893              | >0.3                                                       | >0.3                                                       | >0.3                                                       |
|  | Body voltage                    | EN 1815*              | Fulfilled                                                  | Fulfilled                                                  | Fulfilled                                                  |
|  | Thermal resistance              | ISO 8302/<br>EN 12667 | Suitable for underfloor heating                            | Suitable for underfloor heating                            | Suitable for underfloor heating                            |
| FIRE PROPERTIES                                                                     |                                 |                       |                                                            |                                                            |                                                            |
|  | Reaction to fire                | EN 13501-1            | B <sub>n</sub> -s1                                         | B <sub>n</sub> -s1                                         | B <sub>n</sub> -s1                                         |
|                                                                                     | Critical radiant flux           | ASTM E 648            | Class 1                                                    | Class 1                                                    | Class 1                                                    |
|                                                                                     | Smoke density                   | ASTM E 662            | <450                                                       | <450                                                       | <450                                                       |

\* Typical value

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## CERTIFICATES

For complete information and market specific certificate, visit [bolon.com](https://bolon.com) or contact [bolon@mattersurfaces.com](mailto:bolon@mattersurfaces.com)

|                                     |                                            | ROLLS                       | TILES                       | ACOUSTIC FELT               |
|-------------------------------------|--------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>CE</b>                           | EN 14041:2004 och<br>EN 14041:2004/AC:2006 | 0402-CPR-419005             | 0402-CPR-419005             | 0402-CPR-419013             |
| <b>UK<br/>CA</b>                    | EN 14041:2004/AC:2006                      | 0086 CPR 770145             | 0086 CPR 770145             | 0086 CPR 770147             |
| <b>LIFE CYCLE<br/>PERSPECTIVE</b>   |                                            |                             |                             |                             |
| EPD                                 | ISO 14025 och EN 15804                     | S-P-03839                   | S-P-03985                   | S-P-03986                   |
| Embodied Carbon                     | EPD modul A1-A3                            | 5.18 kg CO <sub>2</sub> eq. | 6.19 kg CO <sub>2</sub> eq. | 5.47 kg CO <sub>2</sub> eq. |
| DGNB Navigator                      |                                            | Yes                         | Yes                         | Yes                         |
| GreenTag - GreenRate                |                                            | Yes                         | Yes                         | No                          |
| <b>INDOOR AIR</b>                   |                                            |                             |                             |                             |
| M1                                  |                                            | No                          | No                          | Yes                         |
| FloorScore                          |                                            | Yes                         | Yes                         | Yes                         |
| French VOC                          |                                            | Yes                         | Yes                         | Yes                         |
| Rekommenderas av NAAF               |                                            | Yes                         | Yes                         | Yes                         |
| <b>PRODUCT AND RAW<br/>MATERIAL</b> |                                            |                             |                             |                             |
| BASTA                               |                                            | Yes                         | Yes                         | Yes                         |
| Byggsvarubedomningen                |                                            | Yes                         | Yes                         | Yes                         |
| ECOproduct                          |                                            | Yes                         | Yes                         | Yes                         |
| eBVD                                |                                            | Yes                         | Yes                         | Yes                         |
| GBR kretsloppsmärkning              |                                            | Yes                         | Yes                         | Yes                         |
| Best Practice PVC                   |                                            | Yes                         | Yes                         | Yes                         |
| GreenTag - PHD                      |                                            | Yes                         | Yes                         | Yes                         |
| Declare                             |                                            | Yes                         | Yes                         | Yes                         |



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