
















# BOLON FLOORING

## EMERGE

### TECHNICAL SPECIFICATION

Woven vinyl flooring, product standard EN 1307.

| INCLUDED IN EN 1307   |                            |                       | ROLLS  | TILES  | ACOUSTIC FELT  |
|---|----------------------------|-----------------------|--|--|--|
|    | Use classification         | ISO 10874             | 33 Heavy Commercial  | 33 Heavy Commercial  | 33 Heavy Commercial  |
|    | Weight                     | ISO 8543              | 2,9 kg/m <sup>2</sup>                                      | 3,9 kg/m <sup>2</sup>                                      | 3,4 kg/m <sup>2</sup>                                      |
|    | Thickness                  | ISO 1765              | 2,4 mm   | 3,0 mm   | 5,1 mm   |
|    | Roll dimension             | EN 426                | 2000 mm, 25 m  |  |  |
|    | Tile dimension             | EN 994                |  | 500 x 500 mm. 20 pcs/box, 5 sqm                            | 500 x 500 mm. 12 pcs/box, 3 sqm                            |
|    | Castor Chair               | EN 985                | Continuous use   | Continuous use   | Continuous use   |
|    | Body Voltage               | EN 1815**             | Fulfilled  | Fulfilled  | Fulfilled  |
|   | Thermal resistance         | ISO 8302              | Suitable for underfloor heating                            | Suitable for underfloor heating                            | Suitable for underfloor heating                            |
|  | Impact sound insulation*   | EN ISO 10140          | 9 dB   | 9 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 |
|  | Colour fastness to light*  | EN ISO 105-B02        | > 7  | > 7  | > 7  |
|  | Dimension stability        | ISO 2551<br>EN 986    | Fulfilled  | Fulfilled  | Fulfilled  |
| <b>ADDITIONAL TESTS</b>   |                            |                       |  |  |  |
|   | Anti slip property         | DIN 51130             | R9   | R9   | R9   |
|  | Friction                   | EN 13893              | > 0,3  | > 0,3  | > 0,3  |
|   | Pendulum                   | EN 13036-4            | 117-120  | 117-120  | 117-120  |
|  | Reaction to fire           | EN 13501-1            | B <sub>f1</sub> -s1  | B <sub>f1</sub> -s1  | B <sub>f1</sub> -s1  |
|   | Critical radiant flux      | ASTM E 648            | Class 1  | Class 1  | Class 1  |
|   | Smoke density              | ASTM E 662            | < 450  | < 450  | < 450  |

\* Typical value

\*\* EN 1815 replaces ISO 6356

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## CERTIFICATES AND SUSTAINABILITY

For complete information and market specific certificate, visit [bolon.com](http://bolon.com) or contact customer service.

| SUSTAINABILITY                       |                  | ROLLS                     | TILES                     | ACOUSTIC FELT   |
|--------------------------------------|------------------|---------------------------|---------------------------|---|
| Recycled content                     | ISO 14021        | 18% Pre-consumer material | 24% Pre-consumer material | 15% Pre-consumer material<br>12% Post-consumer material |
| Carbon footprint CO2e/m <sup>2</sup> | EN 15804 (A1-A3) | 5,74                      | 8,25                      | <i>Under calculation</i>                                |

### CERTIFICATES

|                   |  |                                    |                                    |                                    |
|-------------------|--|------------------------------------|------------------------------------|------------------------------------|
| CE                |  | 419005                             | 419005                             | 419013                             |
| Emissions         |  | M1, Floorscore, VOC A+             | M1, Floorscore, VOC A+             | M1, VOC A+                         |
| Raw material      |  | Best Practice PVC                  | Best Practice PVC                  | Best Practice PVC                  |
| LCA               |  | EPD, GreenTag                      | EPD, GreenTag                      | <i>Under calculation</i>           |
| Content/chemicals |  | GreenTagPHD, Follows req. of BASTA | GreenTagPHD, Follows req. of BASTA | GreenTagPHD, Follows req. of BASTA |

### REGISTERED/LISTED

|                        |                          |                          |                          |
|------------------------|--------------------------|--------------------------|--------------------------|
| BASTA                  | Yes                      | Yes                      | Yes                      |
| BRE Global Listed      | <i>Under calculation</i> | <i>Under calculation</i> | <i>Under calculation</i> |
| Byggsvarubedömningen   | Yes                      | Yes                      | Yes                      |
| DGNB navigator         | Yes                      | Yes                      | -                        |
| eBVD                   | Yes                      | Yes                      | Yes                      |
| ECOproduct             | Yes                      | Yes                      | -                        |
| GBR kretsloppsmärkning | Yes                      | Yes                      | Yes                      |
| SundaHus               | Yes                      | Yes                      | Yes                      |



# BOLON

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