
















# 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>                                      | 3,5 kg/m <sup>2</sup>                                      |
|    | Thickness                  | ISO 1765              | 2,4 mm                                                     | 3,0 mm                                                     | 4,9 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                | Intensive use                                              | Intensive use                                              | Intensive 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                                                         |                                                            |
|                                                                                     | Friction                   | EN 13893              | > 0,3                                                      | > 0,3                                                      |                                                            |
|                                                                                     | Pendulum                   | EN 13036-4            | 117-120                                                    | 117-120                                                    |                                                            |
|  | 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

\*\* 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 | 65%                                | 72%                                | 69%                                |
| <b>CERTIFICATES</b>      |           |                                    |                                    |                                    |
| CE                       |           | 419005                             | 419005                             | 419013                             |
| UKCA                     |           | 0086 CPR 770145                    | 0086 CPR 770145                    | 0086 CPR 770147                    |
| Emissions                |           | M1, Floorscore, VOC A+             | M1, Floorscore, VOC A+             | M1, Floorscore, VOC A+             |
| Raw material             |           | Best Practice PVC                  | Best Practice PVC                  | Best Practice PVC                  |
| LCA                      |           | EPD, GreenTag                      | EPD, GreenTag                      | EPD                                |
| Content/chemicals        |           | GreenTagPHD, Follows req. of BASTA | GreenTagPHD, Follows req. of BASTA | GreenTagPHD, Follows req. of BASTA |
| <b>REGISTERED/LISTED</b> |           |                                    |                                    |                                    |
| BASTA                    |           | Yes                                | Yes                                | Yes                                |
| Byggarbjudömmingen       |           | Yes                                | Yes                                | Yes                                |
| DGNB navigator           |           | Yes                                | Yes                                | Yes                                |
| eBVD                     |           | Yes                                | Yes                                | Yes                                |
| ECOproduct               |           | Yes                                | Yes                                | Yes                                |
| GBR kretsloppsmärkning   |           | Yes                                | Yes                                | Yes                                |
| SundaHus                 |           | Yes                                | Yes                                | Yes                                |



# BOLON

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