

# BOLON FLOORING

## ETHNIC

### PRODUCT SPECIFICATION

Woven vinyl flooring, product standard EN 1307.

| GENERAL INFORMATION                                                               |                    |              | ROLLS                      | TILES                        | ACOUSTIC FELT                |
|-----------------------------------------------------------------------------------|--------------------|--------------|----------------------------|------------------------------|------------------------------|
|  | Use classification | EN 1307      | 32 General                 | 32 General                   | 32 General                   |
|  | Weight             | ISO 8543     | 0.59 lb/ sqft (2.9 kg/ m²) | 0.80 lb/ sqft (3.9 kg/ m²)   | 0.74 lb/ sqft (3.6 kg/ m²)   |
|  | Thickness          | ISO 1765     | 0.09" (2.3 mm)             | 0.11" (2.9 mm)               | 0.19" (4.9 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                                                      | 22 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             | R10                             | R10                             | R10                             |
|                                                                                     | Pendulum                        | EN 13036-4            | 105-110                         | 105-110                         | 105-110                         |
|                                                                                     | 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](http://bolon.com) or contact [bolon@mattersurfaces.com](mailto:bolon@mattersurfaces.com)

|                                                                                   |                                            | ROLLS                       | TILES                       | ACOUSTIC FELT               |
|-----------------------------------------------------------------------------------|--------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
|  | EN 14041:2004 och<br>EN 14041:2004/AC:2006 | 0402-CPR-419004             | 0402-CPR-419004             | 0402-CPR-419013             |
|  | EN 14041:2004/AC:2006                      | 0086 CPR 770085             | 0086 CPR 770085             | 0086 CPR 770147             |
| <b>LIFE CYCLE 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 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                         |



# BOLON

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