

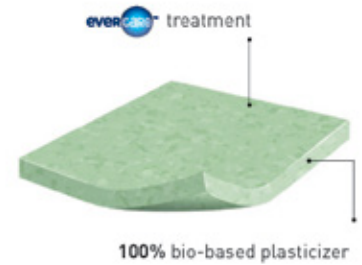


## MIPOLAM SYMBIOZ™



**MIPOLAM SYMBIOZ:** The first and only homogeneous sheet vinyl flooring that is 100% phthalate free and made with a 100% bio-based plasticizer—now available in 31 tone-on-tone, non-directional colors

- ▶ Organic Inside: 100% phthalate free and made from a 100% bio-based plasticizer from organic residues
- ▶ 31 tone-on-tone, non-directional designs
- ▶ Contributes to Greenbuild and LEED certification
- ▶ Recommended for healthcare interiors and provides for easy skirtings, angles and welding
- ▶ Features Evercare™ Surface Treatment: an exclusive, patented surface treatment with superior chemical stain resistance
- ▶ Lowest-weight, most flexible homogeneous flooring in the industry
- ▶ Easy maintenance: no-wax for life
- ▶ Highly durable: product life expectancy > 20 years
- ▶ Naturally Bacteriostatic: Inhibits the spread of infections at 99%
- ▶ Best indoor air quality: low VOC, allergen free, Floorscore™ certified



|   | STANDARDS                       | REQUIREMENTS                          | MIPOLAM SYMBIOZ   |
|---|---------------------------------|---------------------------------------|---|
| <b>PRODUCT DESCRIPTION</b>                                      |                                 |                                       | Homogeneous resilient sheet flooring made with a 100% bio-based plasticizer featuring a tone on tone non directional design   |
| Reference Specification   | ASTM F1913                      | -                                     | Meets Requirements  |
| Surface Treatment/Maintenance                                   | -                               | -                                     | Patented Evercare Stain Shield Surface Treatment  |
| Gauge Total Thickness   | ASTM F386                       | ≥ 0.075"                              | 0.08" [2.0 mm]  |
| Roll Width  | -                               | -                                     | 6' [2.0 m]  |
| Roll Length   | -                               | -                                     | 66' [20 lm]   |
| Coverage/Roll   | -                               | -                                     | 430.56 ft <sup>2</sup> [40 m <sup>2</sup> ]   |
| Weight  | -                               | -                                     | 0.53 lb/ft <sup>2</sup> [2.6 kg /m <sup>2</sup> ]   |
| <b>PERFORMANCE</b>  |                                 |                                       |   |
| Static Load Resistance  | ASTM F970                       | ≤ 0.005"                              | -0.002" Meets Requirements  |
| Abrasion  | ASTM F510                       | -                                     | ≤ -0.05g  |
| Indentation - Residual  | ASTM 1914                       | ≤ -0.007"                             | -0.005" [0.13mm] Meets Requirements   |
| Flexibility   | ASTM F137                       | > 1.5"                                | Meets Requirements  |
| Chemical & Stain Resistance                                     | ASTM F925                       | -                                     | No residual stains, Excellent results ; Meets Requirements  |
| Resistance to Heat  | ASTM F 1514                     | ΔE ≤ 8                                | Meets Requirements  |
| Resistance to Light   | ASTM F 1515                     | ΔE ≤ 8                                | Meets Requirements  |
| Coefficient of Friction   | ASTM D2047                      | -                                     | 0.56 (Dry)  |
| Impact Insulation (IIC)   | ASTM E989 [ASTM E492]           | -                                     | 42 dB   |
| Fire rating   | ASTM E648                       | Class 1                               | Meets Requirements  |
|   | CAN/ULC S102.2                  | -                                     | Meets Requirements  |
| <b>ENVIRONMENT HEALTH &amp; SAFETY</b>                          |                                 |                                       |   |
| Naturally bacteriostatic; Combats MRSA, E. Coli and S. aureus*  | ISO 22196                       | -                                     | Inhibits spread of infections at 99%  |
| Plant certifications  | -                               | -                                     | ISO 9001 ISO 14001 OHSAS 18001  |
| Production waste  | -                               | -                                     | 100% Manufacturing Waste Recycled   |
| End of life   | -                               | -                                     | 100% Recyclable   |
| <b>MATERIALS &amp; RESOURCES (MR):</b>                          |                                 |                                       | <b>LEED CONTRIBUTIONS</b>   |
| <b>BUILDING PRODUCT DISCLOSURE &amp; OPTIMIZATION (BPDO)</b>    |                                 |                                       |   |
| Environmental Product Declarations (EPD)                        | LEED v4 MR BPDO                 | 1 product                             | Product Specific Type III   |
| Health Product Declaration (HPD v2.1)                           | LEED v4 MR BPDO                 | 1 product                             | Self-Declared   |
| Sourcing of Raw Materials: Recycled Content                     | LEED v3 MR c4 & LEED v4 MR BPDO | Contributes                           | 25% pre-consumer content  |
| Sourcing of Raw Materials: Regional Material                    | LEED v3 MR c5 & LEED v4 MR BPDO | Contributes                           | Manufactured in City, Troisdorf, Germany  |
| Sourcing of Raw Materials: Bio-based Materials                  | LEED v4 MR BPDO                 | Contributes                           | Bio-based plasticizer   |
| Sourcing of Raw Materials: Restriction Use of Harmful Chemicals | LEED v4 MR BPDO                 | Contributes in international projects | 100% REACH compliant  |
| <b>INDOOR ENVIRONMENTAL QUALITY (IEQ)</b>                       |                                 |                                       |   |
| Low Emitting Materials  | LEED v3 IEQ c4.3 & LEED v4 IEQ  | Contributes                           | FloorScore™ Certified   |
| TVOC after 28 days  | ISO 16000-6                     | -                                     | < 10 µg/m <sup>3</sup>  |
| Warranty  | -                               | -                                     | 10-year limited manufacturer warranty when installed in accordance with Gerflor's installation instructions on <a href="http://www.gerflorusa.com">www.gerflorusa.com</a> |

\* The best defense against the spread of infections is the implementation of an effective cleaning method



## GERFLOR: ACTIONS SPEAK LOUDER THAN WORDS



### LCA

EPD Product Specific Type III  
Durable > 20 years life expectancy



### INDOOR AIR QUALITY

100 times lower than industry requirements (TVOC < 10 µg/m<sup>3</sup> after 28 days)



### RAW MATERIALS

Sourced within 250 miles  
75% Sustainable and renewable resources



### WELLNESS

ISO 22196  
Naturally Bacteriostatic



### RECYCLED CONTENT

25%