

Mats Inc. Technical Data for MultiLino™ WD Area Elastic Floor

Product Description

| | |
|---------------------------|---|
| General | Homogeneous floor covering product made from natural, renewable materials |
| Subsystem Material | Wood, wood with foam |
| Roll sizes | 6'7" x 88'6" |

Technical Specifications

| | Test | Requirement | MultiLino™ WD |
|---|---------------|---|--|
| Physical Properties | | | |
| Top layer thickness | | In mm | 4 mm |
| Overall thickness (total construction height) | EN 428 | In mm | 33 mm* |
| Weight | EN 430 | In lbs/sq ft | 4.63 lbs/sq ft* |
| Safety | | | |
| Critical radiant flux | ASTM E648 | Class 1: 0.45 w/cm ² or higher | Class 1 |
| Smoke density | ASTM E662 | Specific optical density (corrected): max. 450 in the flaming mode | Pass |
| Performance | | | |
| Shock absorption | DIN V 18032-2 | Min. 53% | 67% |
| Sliding resistance | DIN V 18032-2 | Min. 0.4 m; Max. 0.6 m | .44 m |
| Standard deformation | DIN V 18032-2 | Min. 2.3 mm | 4.4 mm |
| Ball rebound | DIN V 18032-2 | Min. 90% | 96% |
| Sound absorption / Impact sound | ISO 140-8 | In decibels (dB) | 27 dB |
| Electrostatic propensity (walking test) | EN 1815 | Less than 2 kilovolts (kV) | 0.8 kV |
| Dimensional stability | EN 434 | Rolls: max. 0.4%; Tiles: max. 0.25% | < 0.06% |
| Durability | | | |
| Wear group classification | EN 685 | Domestic, Commercial, Light Industrial | Class 23 Domestic Heavy, Class 34 Commercial Very Heavy, Class 43 Light Industrial Heavy |
| Castor chair test | EN 425 | 25,000 revolutions | No surface changes |
| Color fastness (light) | ISO 105-B02 | Min. 6 | 6 |
| Chemical resistance | EN 423 | 0 - unchanged 1 - very slightly different 2 - slightly different 3 - different 4 - very different | hydrochloric acid diluted: 0; sulfuric acid diluted: 0; methanol: 0; gasoline: 0; petroleum mineral oil: 0; cooking oil: 0 |
| Wear resistance | EN 660 | In mm | 0.33 mm |
| Rolling Load | DIN V 18032-2 | Area elastic: 1,500 N | 1,500 N |
| LEED | | | |
| MR Credit 4 | LEED-NC v. 3 | For 1 – 2 points: \$ value of <u>all</u> materials = min. average 25% recycled content | 2.07% pre-consumer |
| MR Credit 6 | LEED-NC v. 3 | For 1 point: \$ value of <u>all</u> materials = min. average 5% rapidly renewable | 20.73% of MultiLino™ WD is made from natural raw material. |
| IEQ Credit 4.3 | LEED-NC v. 3 | For 1 point: low-emitting flooring per GreenLabelPlus or FloorScore™ | FloorScore™ certified |

*Wood subsystem options available