

## Ergodeck Diamond-Plate Anti-Fatigue Mats



ErgoDeck Diamond-Plate Anti-Fatigue Mat Tiles are interlocking ergonomic mats, which have been engineered for individuals who are constantly standing and need both anti-fatigue comfort as well as traction over large areas and non-rectangular setups.

### Test Specification & Results

| Property                       | Test / Result                                |
|--------------------------------|--|
| <b>Flammability</b>            | MVSS 302 / 'A'; Rating                       |
| <b>Taber Abrasion</b>          | ASTM D 3884 / 0.48% loss                     |
| <b>Temperature Range</b>       | 0 to 120 F                                   |
| <b>Coefficient of Friction</b> | ASTM F1677 / Dry: COF = .90 / Wet: COF = .77 |
| <b>Compression Deflection</b>  | ASTM D575-91 /15%, Distance: .14             |
| <b>Tear Strength</b>           | Not Available                                |
| <b>ESD Rating</b>              | Not Available                                |
| <b>Dielectric Strength</b>     | Not Available                                |

## General Specifications

|                             |   |
|-----------------------------|---|
| <b>Suitable Environment</b> | Dry, Wet, Oily                          |
| <b>Type</b>                 | Anti-Fatigue Flooring                   |
| <b>Customization Level</b>  | C3 - Full Custom (Length, Width, Shape) |
| <b>Solid Drainage</b>       | Solid                                   |
| <b>Compound</b>             | PVC                                     |
| <b>Recycled</b>             | >80%                                    |
| <b>Warranty</b>             | Lifetime (Limited)                      |

## Chemical Resistance Guide

**Key:** **A** = Performs well    **B** = Slightly affected    **C** = Moderately affected  
**D** = Highly affected    **U** = Not recommended    **NT** = Not tested

| Chemical                            | Urethane | Nitrile | PVC | CFR | SBR | Natural Rubber |
|-------------------------------------|----------|---------|-----|-----|-----|----------------|
| Acetone                             | U        | U       | U   | C   | C   | C              |
| Animal Fats                         | NT       | A       | C   | U   | U   | U              |
| Bleach Solution (10% Dilute)        | NT       | B       | B   | C   | C   | C              |
| Boric Acid                          | B        | A       | A   | A   | A   | A              |
| Brake Fluid                         | U        | A       | B   | D   | D   | D              |
| Brake Fluid (Silicone Based)        | U        | A       | B   | A   | B   | B              |
| Chlorine Solution (3% Dilute)       | C        | A       | B   | C   | C   | C              |
| Citric Acid                         | NT       | A       | C   | C   | C   | U              |
| Cutting Fluid (Mineral Oil Based)   | U        | B       | B   | B   | C   | D              |
| Diesel Oil                          | U        | A       | B   | U   | U   | U              |
| Ethylene Acetate                    | NT       | U       | NT  | U   | U   | U              |
| Ethylene Glycol                     | B        | A       | A   | A   | A   | A              |
| Hydraulic Oil (Petroleum)           | U        | A       | B   | D   | D   | D              |
| Hydrochloric Acid Cole (37% Dilute) | U        | C       | C   | B   | B   | B              |
| Isopropyl Alcohol                   | A        | B       | A   | B   | B   | A              |
| Lacquer Solvents                    | U        | U       | U   | U   | U   | U              |
| Lindol (Hydraulic Fluid)            | NT       | U       | NT  | U   | U   | U              |
| MEK                                 | U        | U       | U   | U   | U   | U              |
| Mineral Oil                         | C        | A       | B   | A   | B   | U              |
| Naptha                              | NT       | C       | U   | U   | U   | U              |
| Napthlene                           | U        | U       | U   | U   | U   | U              |
| Petroleum                           | U        | C       | B   | D   | D   | D              |
| Salt Water                          | A        | A       | B   | B   | B   | C              |
| Tolulene                            | U        | U       | U   | U   | U   | U              |
| Transmission Fluid (Type A)         | U        | B       | A   | C   | U   | U              |
| Trichloroethane                     | U        | U       | U   | U   | U   | U              |
| Vegetable Oil                       | C        | A       | B   | C   | C   | C              |

