

# 545 Diamond Top Interlock™



- Interlocking mat with dovetail interlocks, easy to assemble, easy to relocate for on-site installation of continuous lengths only.
- Made of tough rubber compound, designed to yield a long service life.
- Deckplate design and moulded air pockets on bottom provide traction and buoyancy.
- Resistant to most chemicals and extreme temperatures.
- Free of silicone therefore safe for vehicle painting facilities.
- Ergonomic benefit of 12,7 mm thickness worker platform.
- All sides are bevelled for trip resistant access to mat.
- Easy to mop and/or sweep clean.

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| PRODUCT SPECIFICATIONS |  |
|------------------------|--|
| Designation            | Industrial matting   |
| Type                   | Anti-fatigue   |
| Description            | Deckplate design and moulded air pockets on bottom   |
| Material               | Natural rubber compound  |
| Process                | Compression moulding   |
| Category               | Better   |
| Recommended use        | Medium duty  |
| Colours                | Black  |
| Weight                 | 7.7 kg/m <sup>2</sup>  |
| Thickness              | 12.7 mm  |
| Standard sizes         | 71 cm x 79 cm - Center<br>71 cm x 79 cm - End  |
| Custom sizes           | N/A  |
| Special remarks        | Available as single mat, or with interlocks for continuous length (width 71 cm, length 79 cm). |

| PRODUCT TESTING                |             |                              |                         |
|--------------------------------|-------------|------------------------------|-------------------------|
| Compression deflection         |             | U.S.                         |                         |
|                                | @ 25%       | ASTM D575                    | 17.5 lb/in <sup>2</sup> |
|                                | @ 50%       | ASTM D575                    | 56.1 lb/in <sup>2</sup> |
| Foam battery                   |             | ASTM D3574                   | 40 lb/in <sup>2</sup>   |
| Abrasion resistance            |             | ASTM D3884-01                |                         |
|                                | 1000 Cycles |                              | 1.45 g                  |
|                                | 5000 Cycles |                              |                         |
| Static coefficient of friction |             | ASTM C1028-96                | 0.88                    |
| Elongation                     |             | ASTM D412                    |                         |
| Breaking load                  |             | ASTM D412                    |                         |
| Graves tear strength           |             | ASTM D 1004                  |                         |
| Hardness                       |             | ASTM D2240-02                |                         |
| Anti-slip                      |             | DIN 51130 and BG-RULE BGR181 |                         |

| FIRE TESTING   |                       |   |                            |
|----------------|-----------------------|---|----------------------------|
|                | Critical radiant flux | ASTM E-648  | 0.51 watts/cm <sup>2</sup> |
|                | Fire retardancy       | DIN4102   |                            |
|                |                       | EN 13501-1  |                            |
|                | Flammability test     | ASTM D2859  | Pass                       |
| ESD            |                       | ANSI ESD S7.1<br>50% Humidity   |                            |
| Sustainability |                       | <ul style="list-style-type: none"> <li>• Recyclable material</li> <li>• Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)</li> </ul> |                            |