

## DPM Mats



### Features

- Custom shapes & sizes
- Aluminium diamond plate surface
- Aluminium ramped edging
- Optional sensitivities
- Fail-safe operation
- Multiple switching zones available
- Extremely heavy duty
- Withstands heavy traffic

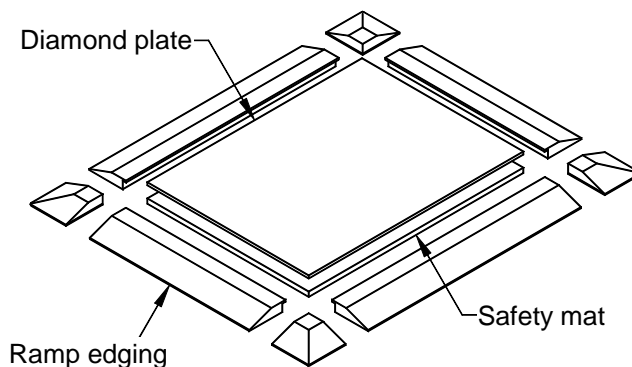
The DPM mat system has extremely high durability in the harshest of industrial environments. The mat gives excellent resistance to impact and is particularly useful in applications where hot materials falling on the mat would damage a conventional construction. The system comprises a Tapeswitch safety mat fitted below an aluminium diamond plate construction, which is held in position by extruded aluminium edge strips. The system is manufactured to the required size and despatched in kit form to be assembled on-site.

As with all our mats, the DPM range be made in custom shapes and sizes to suit a wide variety of applications.

### Technical Specification

|                       |                                |
|-----------------------|--------------------------------|
| Surface material      | 6061 T6 aluminium              |
| Dimensions            | On request                     |
| Depth                 | Approx. 20mm                   |
| Actuation force       | <300N (30kg) (80mm test piece) |
| Response time         | 25ms                           |
| Inactive area         | 90mm around outer edge         |
| Protection rating     | IP65                           |
| Weight                | Approx.32kg/m <sup>2</sup>     |
| Operating temperature | 0°C to +50°C                   |
| Operating voltage     | 24V d.c.                       |
| Operating current     | 1A                             |
| Power consumption     | 6VA                            |

### Construction



### Typical Applications

- Machinery safety
- Interactive  
*Play zones*  
*Theme parks*  
*Advertising*
- Access control  
*Banks*  
*Intruder alert*  
*Transport doors*

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