**PRESSURE MATS**

Pressure mats are designed to initiate an alarm when a weight of 5-20 pounds per square foot is applied to the surface. Pressure mats utilize electrical wiring placed within a rubber or plastic coating which is normally hidden underneath carpeting. Pressure mats are suited for carpeted office areas but are most widely used in home security systems.

Activated by :

Operate when a force of not less than 22.5 lbF is applied to any portion of its surface by a solid test disk of 2.4 in (60mm) ±0.2 in (5mm) diameter and shall not generate on alarm for a force of 4.5 lbF if applied by the same means.

Uses :

Point detection by direct contact with body weight of intruder at door, windows etc.

Typical dimensions :

Pad : 37 in. (950mm) wide x 31.5 in (800mm) long x 1.6 in (40mm) deep

Mats : to any length (usually in sections up to 16.4 ft (5m). Thickness 0.6-0.8 in (15-20 mm)

Advantages : cheap, simple, reliable

Disadvantage : very easy to circumvent