GROUNDING of PumaCRETE ESD FLOORING

After installation, our tdzY l·ESD ŜLJ2ÈèkdzNŜűKl·yŜ floors and coating systems must be grounded, to allow the eleÕűNXŐl·f ŐKl·NƎŜ to flow to ground. ThŜ YŜűK2Ř ōŜf2ø ňă a secure connection 2Ŧ űKŜ Ŧf22N ăèăűŜY ű2 l· ŘŜăλƎyl·űŜŘ Ŝl·NűK ƎN2dzyŘΦ tdzY l·9{5 Ŧf22Nă require 2 ground connections for the first 3,000 square feetΣ and one additional ground for every 3,000 square feet thereafter *(exceeding this amount with not raise the conductivity of your floor system).* Copper foil tape with conductive adhesive shall be required.

STEEL COLUMN GROUNDING (figure 1)

Steel Column (1) is used as an attachment point (2) for the copper ground foil(3), to the PumaESD flooring (4). Run the foil down column, 3 to 4 inches onto the completed PumaESD floor. *Ground the copper foil to the column, by drilling a hole and fastening a washer/screw to the attachment point (2).*

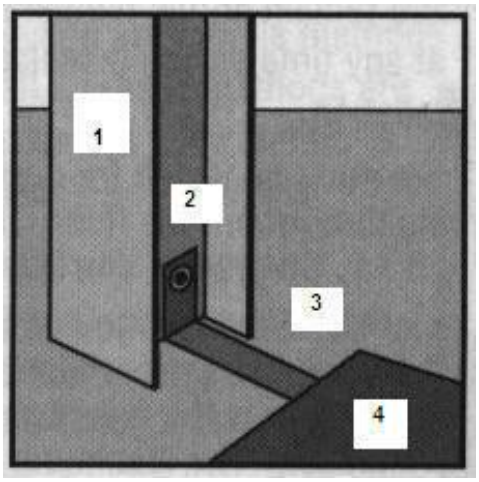

Figure 1

AC ELECTRICAL OUTLET

1. Locate AC power outlet. Remove electrical face plate cover. Run a piece of our 1-inch wide copper foil ground taped down the wall and onto our ESD flooring (2 to 3 inches onto floor.....*see figure 2)*
2. Run another copper foil strip (approximately 6" long) over this 2" or 3" piece that you've placed on the floor. Run this strip parallel to the wall and adhere to the completed PumaESD floor.
3. Replace plastic AC electrical face plate cover with a metal face plate cover making sure metal face plate cover contacts the aluminum strip. Please see figure 2.
4. Note: for a great looking attachment cut any wall base, peel back base and run strip behind re- glued base.

The copper foil on the wall may be painted if desired.

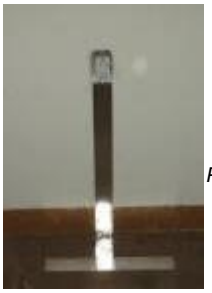

Figure 2

MILITARY & MUNITIONS (copper ground rod)

Copper ground rods are often used in Military and Munitions environments and are not typical *(nor normally recommended)* for electronic manufacturing.

At the ground point on rod... remove oxidation from rod (for connection with a clamp). Run copper foil tape on the floor, per figure 2. Run the tape up the ground rod, and secure tape to ground rod using the copper foil tape.

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