

# Kinetic Polymers

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## **Technical Specification of Antistatic Epoxy Flooring**

The following steps are involved for making the floor Antistatic Epoxy.

- 1) Inspection of flooring
- 2) Leveling the flooring
- 3) Applying coating called as primer
- 4) Applying conductive coating
- 5) Fixing of copper strip at distance of 1 sqmtr in a grid form
- 6) Applying antistatic coating which is self leveling
- 7) Total thickness – 2.5 +/- 0.3 mm
- 8) Surface Resistivity –  $10^4$  to  $10^8$  Ohms
- 9) Colour – Blue / Grey / Green
- 10) Type – Smooth

## **Physical Properties:**

- 11) Tensile strength – 16 N / mm<sup>2</sup>
- 12) Compressive strength – 55 N / mm<sup>2</sup>
- 13) Abrasion resistance – 51 mg
- 14) Hardness – 50 to 80 shore 'D'
- 15) Water abrasion - < 0.3%