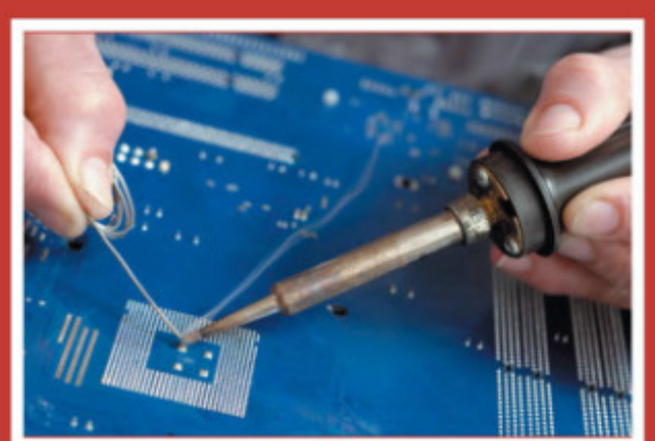
High Performance Conductive Floor Systems







U.S. GREEN BUILDING COUNCIL MEMBER

X-Tech AntiStatic SLE

MAPEI®

CHEMISTRY CONSTRUCTION CARE

LEED® VOC Compliant

X-Tech AntiStatic SLE

Conductive & Dissipative Solvent Free Epoxy Flooring System

ULTRA LOW VOC

Product Description

X-Tech AntiStatic SLE is a three layer system comprising an epoxy primer, a water dispersed epoxy base coat and a self-smoothing solvent free epoxy top coat that produces a conductive or dissipative floor. The conductive grade (CG) provides a floor with a point to point resistance and a resistance to ground of between 5 x 104 to 1 x 106 Ohms. The dissipative grade (DG) provides a floor with a point to point resistance and a resistance to ground of between 5 x 106 to 1 x 109 Ohms.

Advantages

- Meets SCAQMD Rule 1113 & LEED VOC Limits
- Fast application
- Easy to clean gloss finish
- Resistant to wide range of chemicals
- High impact and abrasion resistance

Typical Uses

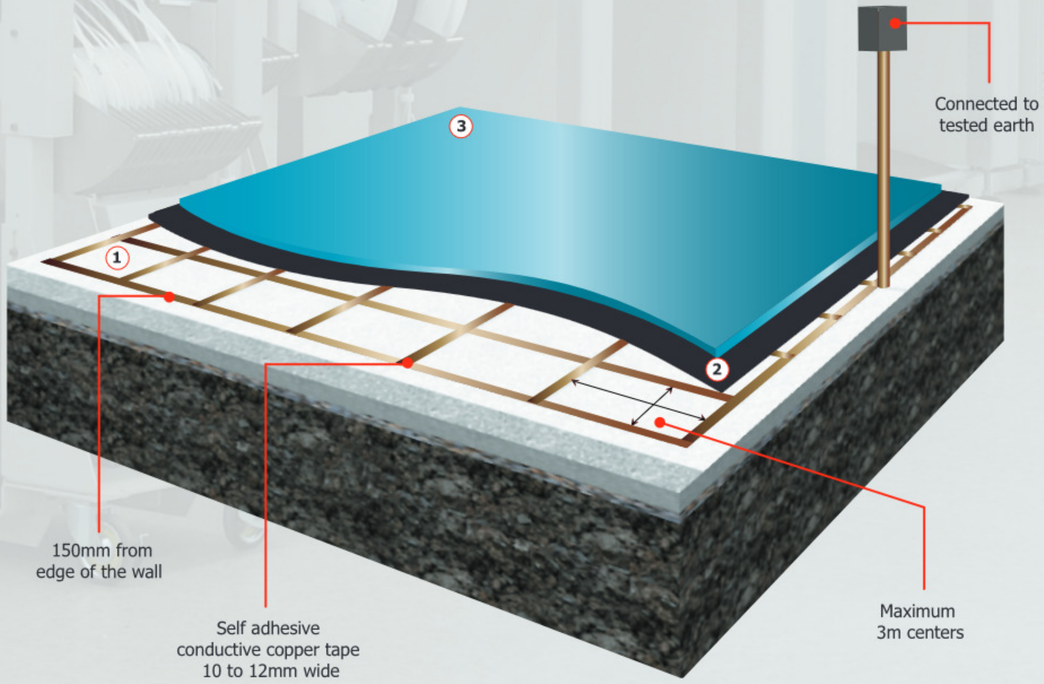
- Electronic manufacturing and assembly plants
- Hospitals
- Clean rooms
- Chemical handling and processing areas

Typical System

1. X-Prime SF: 10m² per liter at 100 microns film thickness.

2. X-Tech AntiStatic SLE Undercoat: 5m² per liter.

3. X-Tech AntiStatic SLE Topcoat: 2 liter per m² at 2mm



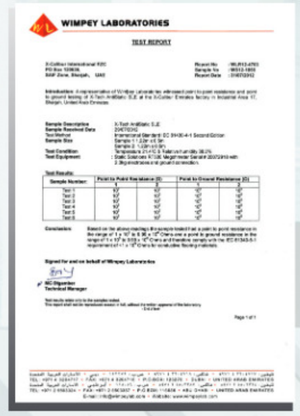
(optional only required if specified)

Independently Certified

X-Tech AntiStatic SLE has been extensively tested by respected laboratories world wide.



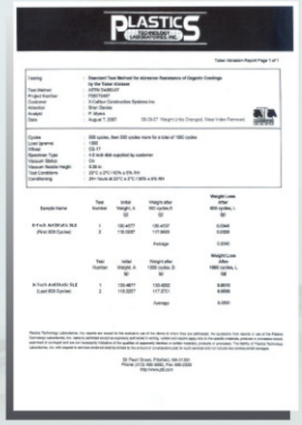
ANSI/ESD S20.20 Compliance Testing



IEC 61430-4-1 Resistance Testing



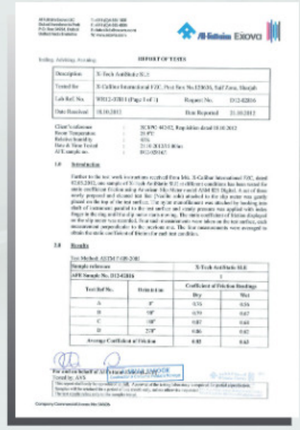
BS2050 Resistance Testing



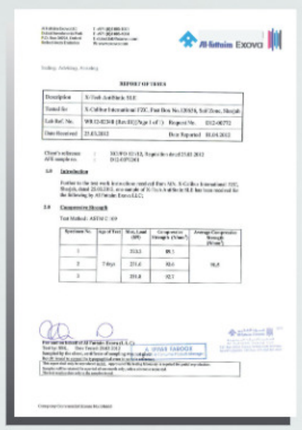
ASTM D4060 Abrasion Resistance



ASTM D4541 Adhesion Test



ASTM F609 Static Coefficient of Friction



ASTM C109 Compressive Strength



ASTM C580 Flexural Strength



ASTM D638 Tensile Strength and Elongation










Laboratory Test Data

Property	Typical Results
Compressive strength	>60MPa (8700psi)
Flexural strength	>30MPa (4350psi)
Tensile strength	>20MPa (2900psi)
Bond strength*	>5MPa (725psi)

Above results were obtained after 7 days cure.
*Depends on substrate quality

Chemical Resistance

X-Tech AntiStatic SLE has good resistance to the following:

- ✓ 10% Lactic acid
- ✓ Concentrated bleach
- ✓ Saturated sugar solution
- ✓ Saturated urea solution
- ✓ Petrol and oils
- ✓ Greases
- ✓ 10% Ammonia

Contact X-Calibur for details of resistance to specific chemicals

Specification Compliance

SCAQMD Rule 1113*
LEED NC2009 IEQ 4.2*
IEC/BS EN 61340
ANSI/ESD S7.1
FeFRA Type 5 MD/HD
EFNARC Type 5A & B
ASTM F150
BS 2050
BS 5958
DoA 385-64
* when used with X-Shield SF Primer

Other Products

X-Tech AntiStatic CS
Conductive and dissipative epoxy coating system

X-Tech AntiStatic SLB
Conductive and dissipative breathable water based epoxy flooring system

Standard Color Range

RAL 7035 Light Grey
RAL 1017 Saffron Yellow
RAL 7001 Silver Grey
RAL 6017 May Green
RAL 7042 Traffic Grey A
RAL 3002 Carmine Red
RAL 7043 Traffic Grey B
RAL 5017 Traffic Blue

Many RAL colors can be supplied at no extra charge. The lightest colors that can be supplied are RAL 7035 and RAL 7001 (see above).

Every effort is made to reproduce these RAL sample colors as faithfully as possible.

However, due to reproduction limitations, it is necessary that we reserve the right of reasonable variation.

Color will vary due to differences in surface texture, lightning and methods of application.