

FORBO INDUSTRIES, INC

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COLOREX® AS2000/EL5000 ESD CONTROL FLOOR COVERING

Product Description, Application

Colorex is a 24" x 24" (61 cm x 61 cm) 0.080" (2.0 mm) thick ESD control homogeneous pressed vinyl tile designed for conductive and/or dissipative ESD control environments. Colorex offers the ESD flooring solution with the greatest design flexibility and broadest performance capabilities available. Forbo uses no chemical antistats and keeps plasticizer content to a minimum in the manufacturing process of Colorex. Through specific and simple installation and maintenance techniques, Colorex guarantees outstanding conductive/dissipative flooring properties with lasting aesthetic integrity.

Colorex is offered in 20 colors, the most extensive and modern color range available in the ESD industry.

Applications for Colorex include Printed Circuit production, Computer control rooms, process control and survey rooms, switchboard assembly, lithography and printing, micromechanics, Electronic manufacturing and almost all Clean Room environments.

Features, Benefits

- Solid, homogenous vinyl tile
- Durable, hard wearing
- Dimensionally stable
- Indentation Resistant
- Stain Resistant
- Easy and cost effective maintenance

Properties, Performance

- Electrical Resistance: EL5000-- 2.5×10^4 - 10^6 ohms AS2000-- 10^6 - 10^8 ohms
- Static Decay: FTMS 4046 (101c) 5,000 to 50 volts:
EL5000--less than 0.01 second
AS2000--0.01 second
- Electrical Resistance: Conforms to criteria as set forth in NFPA 99, ASTM 150, EOS/ESD S.7.1
- Static Propensity:
EL5000--less than 100 volts
AS2000--less than 100 volts
- Slip Resistance--Meets or exceeds Federal standards and ADA recommendations of 0.6 for flat surfaces
- Fire Resistance--Smoke developed ASTM E662/NFPA 258; 450 or less; Critical Radiant Flux, ASTM E648/NFPA 253; Class 1.
- Flexibility: Meets or exceeds Federal Specification SS-T-312B, Type III, Vinyl Tile
- Static Load Limit: ASTM F-970--700 p.s.i.

Warranty

Forbo Industries offers a limited 5 year warranty on Colorex ESD Vinyl Tile