

Chapter E 352

SURFACE METAL RACEWAYS

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E 352.01 Use. Surface metal raceway may be installed in dry locations. It shall not be used (1) where concealed, except that metal raceways approved for the purpose may be used for underplaster extensions; (2) where subject to severe physical damage unless approved for the purpose; (3) where the voltage is 300 volts or more between conductors unless the metal has a thickness of not less than .040 inches; (4) where subject to corrosive vapors; (5) in hoistways; nor (6) in any hazardous location.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

E 352.02 Other chapters. Installations of surface metal raceways shall comply with the applicable provisions of chapter E 300.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

A. INSTALLATION

E 352.03 Size of conductors. No conductor larger than No. 6 shall be installed in surface metal raceway.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

E 352.04 Number of conductors in raceways. The number of conductors installed in any raceway shall be no greater than the number for which the raceway is designed.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

E 352.05 Extension through walls and floors. Except in multi-outlet assemblies, raceways may be extended through dry walls, dry partitions and dry floors, if in unbroken lengths where passing through.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

E 352.06 Combination raceways. Where combination metal raceways are used both for signal and for lighting and power circuits, the different systems shall be run in separate compartments, identified by sharply contrasting colors of the interior finish, and the same relative position of compartments shall be maintained throughout the premises.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.

B. CONSTRUCTION SPECIFICATIONS

E 352.07 General. Surface metal raceways shall be of such construction as will distinguish them from other raceways. Surface metal raceways and their elbows, couplings, and similar fittings shall be so designed that the sections can be electrically and mechanically coupled together, while protecting the wires from abrasion. Holes for screws or bolts inside the raceway shall be so designed that when screws or bolts are in place their heads will be flush with the metal surface.

History: Cr. Register, April, 1964, No. 100, eff. 5-1-64.