

STREAMO MARINER SD SPECIFICATION SHEET

KEY POINTS

Antistatic flooring

Continuous dissipater

Application

- The dissipative flooring shall be especially designed for use in technical rooms aboard ships and platforms
- The dissipative flooring shall be used in technical areas to guarantee dissipative properties
- The dissipative flooring shall be laid using a specific method to keep its electrical characteristics

Product construction

- The flooring shall be flexible PVC
 - ▶ The material shall be a 2mm thick homogeneous flooring, calendered and compacted with permanent dissipative and antistatic properties
 - ▶ The material shall be antistatic (<2kV) and act as a continuous dissipater $10^6 \leq R_t \leq 10^8$ according to EN 1081
- The type Binder Content shall be Type II
- The pattern of the material shall be directional

Surface treatment

- ▶ The flooring shall not be waxed after installation to keep its dissipative properties

Safety

- The flooring shall have a R9 slip resistance according to DIN 51130 to reach a good compromise between safety of passengers/workers onboard and ease of maintenance

Regulation

- The flooring shall conform to the IMO requirements detailed in the Fire Test Protocol (parts 2 & 5)
- The flooring shall conform to the Marine Equipment Directive / US Coast Guard
- The Type Approval Certificate shall be recognized by Transport Canada
- The flooring shall conform to the SOLAS 74 Convention
- The manufacturer of the floor covering must be in possession of a valid quality systems certificate, showing compliance with ISO 9001

Environment

- The flooring shall comply with the guidelines for development of Inventory of Hazardous Materials Resolution MEPC 269 (68)
- The flooring shall be free from heavy metals (Lead, Cadmium, Barium, Tin, Chromium...)
- The flooring shall be free from DEHP plasticizer
- The flooring shall be free from any substance potentially subject to any REACH restrictions
- The flooring shall have very low VOC emissions (< 10 µg/m³, after 28 days)