

PRODUCT DATA SHEET FOR ARCHITECTURAL STATIC-DISSIPATIVE RUBBER

Static-dissipative (SD) floorings for optimum ESD protection of electronic devices and equipment. Protect against electrical shock, resist most oils and greases and are suitable for forklift truck areas.

- Good for very heavy usage
- Superior footfall sound absorption
- Excellent slip resistance
- Increased safety thanks to high fire-retardant properties
- Seamless installation
- No coatings needed

PRODUCT DATA

Product: Static-dissipative 3.5 mm tile resilient floor covering.

Description: StaticWorx vulcanized rubber compound with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury.

CHARACTERISTICS

Material Size	39.53 inches by 39.53 inches (100.4 cm by 100.4 cm)
Thickness	0.14 inches (3.5 mm)
Dimensional Stability	Meets requirements
Composition	Homogeneous rubber compound with a random scattered design
Colors	4 Standard
Surface	Hammered

TECHNICAL DATA

Static Load Limit	ASTM F970, Residual compression of 0.005" with 800 lbs. ≤ 0.005" with 250 lbs. is required
Rolling Load Limit	≤ 850 lbs. /sq. inch; for forklift traffic nora polyurethane adhesive is required
Slip Resistance	ASTM D2047 Static coefficient of friction, Neolite dry 0.99 Neolite wet 0.95 ≥ 0.5 is required (not recommended for ramps)
Flammability	ASTM E648; NFPA 253; NBSIR 75 950, 0.92 Class 1, ≥ 0.45 watts/sq. cm is required
Smoke Density	ASTM E662; NFPA 256; NBS, 267 (flaming) and 130 (non-flaming) < 450 is required
Bacteria Resistance	ASTM E2180 and ASTM G21, resistant to bacteria, fungi, and micro-organism activity

TECHNICAL DATA (CONT)

Sound Absorption	ASTM E2179; ISO 140, Δ IIC 11, Lw11dB (compare only Δ values)
Hardness	ASTM D2240, Shore type "A", 82 achieved, ≥ 70 is required
Static Generation	ANSI ESD S97.2, < 20 Volts
Decay Time	FTM 101 C 4046, < 0.25 (sec)
Conductivity	ASTM F150, $10^6 < 10^9$ (ohms)

ENVIRONMENTAL ATTRIBUTES

Manufactured Without	PVC (polyvinyl chloride) Plasticizers (phthalates) Halogens (chlorine)
Production Plant Certifications	ISO 9001:2000 ISO 14001
VOC Emissions	GREENGUARD Gold Certified for Low VOC Emissions CA 01350 Compliant

INSTALLATION

Site Conditions	The installation area must be fully enclosed, weather tight, and climate controlled between 63°F and 75°F and 40% to 60% ambient relative humidity (RH) for at least 48 hours prior, during and 72 hours after installation.
Adhesive	Absorptive substrates: use StaticWorx adhesive Non-absorptive substrates: Contact StaticWorx technical department
Unique Characteristics	Welding not required

CARE AND CLEANING

A post-installation cleaning must be performed before the area is occupied.
Refer to the maintenance guides.

WHEEL TYPES

No metal or hard plastic wheels, the shape of the contact surface of wheels must be flat with round edges. The shore hardness must be type A ≤ 90 .

STORAGE

StaticWorx static-dissipative rubber flooring can be stored within a temperature range of -5°F (-21°C) to 120°F (49°C) under the following conditions: Pallets shall remain intact, undamaged, not be stacked, be in a permanently dry environment, and with no direct sunlight. However, all adhesives and cold weld must remain at room temperature without freezing.

WARRANTY

Limited 10-year warranty.