



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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We Identify and S.T.O.P. Your Noise Problem

Material Safety Data Sheet

Rendered by Manufacturer and Released to:

Acoustical Surfaces, Inc., 123 Columbia Court North, Chaska, MN 55318

SOUNDPROOFING PANEL

Rubber Mat (floor covering)

Standard	Tests	Results Imperial	Results Metric
ASTM D-2240	Hardness, toughness (Shore A)	+/- 70 durometer Shore A	+/- 70
ASTM D-412	Resistance to Traction	777 PSI	0.55 kg/mm ²
ASTM D-412	Modulus 100%	352 PSI	0.25 kg/mm ²
ASTM D-412	Tensile strength (max.)	160%	160%
ASTM D-624	Tear resistance	111 pounds/inch	19.9 kg
ASTM D-3389	Abrasion resistance (tobacco)	0.41 mgr/k	0.41 mgr/k
ASTM-D-1894	Friction coefficient	0.825	0.825
ASTM D-1777 and CSA-A126, 10	Resistance to penetration	28% / 10%	28% / 10%
ASTM C-518	Initial / residual		
ASTM E-336-84, E-413-87	Thermic conductivity	1.052 BTU	4.3x103 cal/cm-sec
ASTM E-989-89, E1007-89		Rating for airborne noise transmission	
ISO 140	Acoustic insulation measure		Rating for impact noise insulation
Chemical resistance CRC	Strong mineral acid Oxidizing acid (concentrated) Strong alkaline base Hydrocarbon aliphatic Petroleum oils Linear thermal expansion Width Length Thickness Weight	Good Weak Good Average Good 12.5 x 10 in. / 4 feet 6 feet Ω in. 2.5 lbs / in.	Good Weak Good Average Good 17.6 x 10cm/ 1.219 m 1.829 m 13mm 12.23 kg/m
Material	Recycled rubber crumbs (tires)	Products Acetone extracts Ash content Black carbon content Moisture content Hydrocarbon Material (cotton, polyester) Metal Sulphur Bulk density	Min. Max. 10.0% 19.0% 8.0% 28.0% 39.0% 0.75% 42.0% 0.75% 0.02% 2.0% 5.0% 10 gm / 210c
Color	Black		
Manufacturing process	Pressure mould with continuous baking in monolayer		

Models

Because these products are made of recycled rubber crumbs originating from different sources, slight dimensional variations may occur in the finished product. These soundproofing panels are intended to be used as a floor substrate and should not be altered for other uses.

Warranty

Our panels are guaranteed against premature wear or manufacturing defects for a period of three (3) years.

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
 - Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
 - Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
 - OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted