

Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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Email: <u>sales@acousticalsurfaces.com</u>
Visit our Website: <u>www.acousticalsurfaces.com</u>

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



Environmentally Friendly:

- Environmentally Friendly absorption material
- Low VOCs
- Can contribute to LEED credits

DURACOUSTIC S.T.O.P.™

Floor Impact Noise Reduction Underlayment

- Cost Effective
- Reduces Impact & Airborne Floor Noise
- For Use with Variety of Floor Finishes
- Recycled Materials

Features & Benefits:

- Greatly reduces impact sound; rubber is the best sound absorption material
- Increases IIC and STC ratings
- Does not compress and therefore holds its acoustical value over time
- Easy installation will not slip or break down during installation
- Conceals minor subfloor irregularities
- Works extremely well over radiant heated floors
- Resists mold, mildew and fungus growth

Duracoustic sound control underlayment offers a simple but very effective solution for creating floor systems which meet stringent sound ratings in multiple-story dwellings, condominiums, hotels, apartments, private homes and business applications including old building conversions into condominiums.

Duracoustic is made from 85% recycled rubber. It is a reinforced rubber mat with an open cell structure which enhances its sound deadening properties making possible the installation of cost effective sound rated floors.

The Duracoustic underlayment system acts as a decoupler by breaking the sound transmission path through the floor-ceiling assembly and prevents noise flanking room to room. Testing has demonstrated outstanding sound attenuation with a variety of construction assemblies and floor coverings including ceramic tile, hardwood, laminate and engineered wood floors.

MATERIAL: Open cellular rubber bonded to fiberglass/cellulose backing scrim.

PATTERN: Flat textured.

FEATURES: Conceals floor irregularities. Resists mold, mildew and fungus growth. Designed for high traffic,

long lasting floor impact noise control.

APPLICATIONS: Floor/ceiling applications requiring sound privacy. Apartments, condominiums, schools, offices, hospitals.

THICKNESS: 5/16".

SIZE: 54" x 24' (108 sq. ft. roll). **WEIGHT:** 65 lb. roll (.6 lbs./sq. ft.).

COLOR: Black.

FLAMMABILITY: ASTM E-648 Radiant Panel Class 1 (FF1-70 PASS).

INSTALLATION: DAA5 or Poly 300 Adhesive.

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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



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Test Results

Hardwood Floor over Wood Assembly			Ceramic Floor over Wood Assembly		Ceramic Tile over a 6" Concrete Slab		
STC	IIC	STC	IIC	STC	IIC		
64	55	70	57	55	52		

Airborne Sound Transmission Class (STC)								
Assembly	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC	
Hardwood Floor over Wood Assembly	42	53	70	83	92	100	64	
Ceramic Floor over Wood Assembly	49	58	67	81	91	99	70	
Ceramic Tile over a 6" Concrete Slab	37	43	64	77	86	92	55	

mpact Insulation Class (IIC)							
Assembly	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	IIC
Hardwood Floor over Wood Assembly	63	55	47	30	19	13	55
Ceramic Floor over Wood Assembly	57	58	54	48	46	35	57
Ceramic Tile over a 6" Concrete Slab	66	64	55	48	38	34	52

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