



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

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



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

Environmentally Friendly:

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

Duracooustic 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.

Duracooustic 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 Duracooustic 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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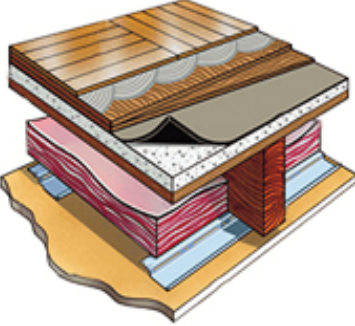
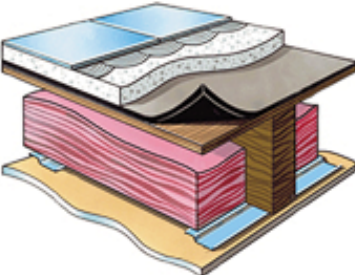
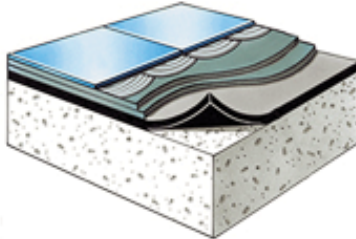
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Test Results

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

Impact 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