



# 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](mailto:sales@acousticalsurfaces.com)

Visit our Website: [www.acousticalsurfaces.com](http://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.

*Continued on next page...*



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

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

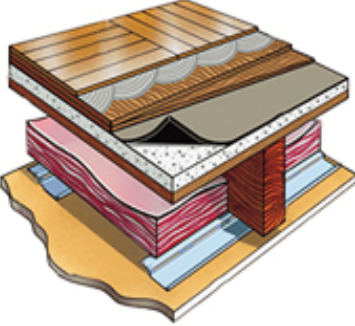
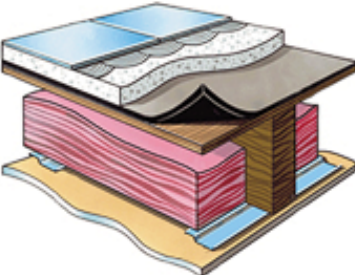
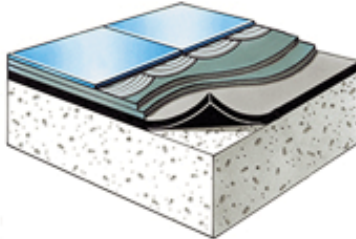
(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: [sales@acousticalsurfaces.com](mailto:sales@acousticalsurfaces.com)

Visit our Website: [www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)

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

## 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
<b>64</b>	<b>55</b>	<b>70</b>	<b>57</b>	<b>55</b>	<b>52</b>
					

## Airborne Sound Transmission Class (STC)

Assembly	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
Hardwood Floor over Wood Assembly	42	53	70	83	92	100	<b>64</b>
Ceramic Floor over Wood Assembly	49	58	67	81	91	99	<b>70</b>
Ceramic Tile over a 6" Concrete Slab	37	43	64	77	86	92	<b>55</b>

## Impact Insulation Class (IIC)

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