

# SOUNDTRAP®

*Bringing people award winning peace  
and quiet for over 15 years*

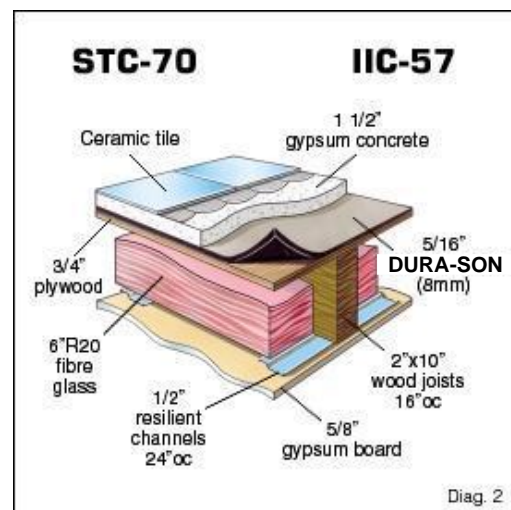
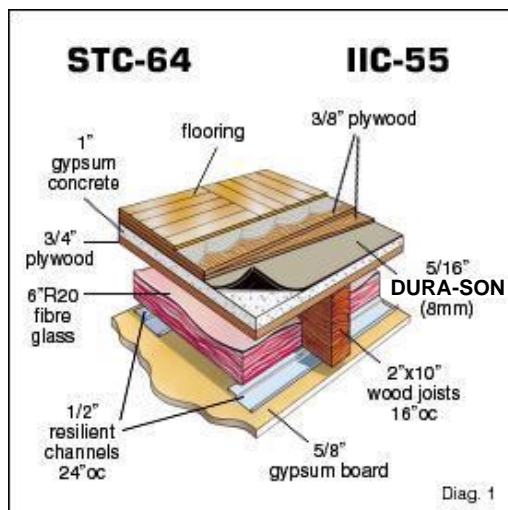
## SOUNDTRAP ACOUSTICAL FLOORS

DURA-SON® sound control underlayment, manufactured by Dura Undercushions Ltd is a simple but very effective solution to creating floor systems which meet stringent sound ratings in multiple-story dwellings (condominiums, hotels, apartments), private homes and business applications.

Testing carried out by National Research Council of Canada has demonstrated outstanding sound attenuation with a variety of construction assemblies and floor coverings, including ceramic tile, parquet, laminate and hardwood floors.

DURA-SON® underlayment is a 5/16" reinforced rubber (recycled) matting with an open cell structure which enhances its sound deadening properties making possible the installation of cost effective sound-rated floors. The product is also a LEED certified carpet underlay.

The DURA-SON® underlayment system acts not only as a sound deadener but also as a decoupler by breaking the sound transmission path through the floor-ceiling assembly and prevents noise flanking room to room.



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## Specification

The sound rated floor material shall be an open cellular rubber reinforced with solid rubber particles bonded to fibreglass/cellulose backing, having a thickness of 5/16" (8mm) and weighing approximately 88 ozs/sq.yd and a density of 22 lbs per cu.ft. and a minimum tensile strength of 45 lbs. It shall have a minimum compression set recovery of 80% (ASTM D 1055) without loss of resilience.

### Technical data

Material	SBR rubber
Width	54"
Length	48ft.
Area	216 SQ. FT.
Thickness (8mm)	5/16"
Roll Diameter	15.5"
Roll Weight	130 lbs

### Deflection

Pressure (PSF)	Average Deflection (Inches)
100	0.027
200	0.046
500	0.09
1000	0.131
2000	0.174
4000	0.221

### Flammability

FF1-70 (Pill Test) Pass

ASTM E-648 Radiant Panel Class 1\*

\*Passes the radiant panel class 1 as an assembly with a Class 1 rated surface material.

