



NATIONAL
APARTMENT
FLOORING

Flooring & Underlayment
Designed For Quiet

UNDERSTANDING IIC AND STC TESTING



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IIC Testing: Test Impact-Related Sounds from Above
IIC tests the ability to block sound impact and measures resistance to transmission of impact noise (footsteps, objects dropped on the floor, etc.).



STC Testing: Tests Ambient Sounds Through Multiple Rooms
STC measures the ability of a specific construction assembly to reduce airborne sounds (voices, audio systems, TV, etc.) in a specific construction assembly.

Sound Rating Scale

- ± IIC-STC 70 Virtually Sound Proof
- IIC-STC 60 Superior Sound Proofing
- IIC-STC 50 International Building Code
- IIC-STC 40 Sound Proofing below most codes



Sound Reducing Underlayment	IIC Rating	STC Rating
Sonar Acoustic	70	62
QT Sound Insulation QTrbm	62	62
AcoustiCORK 250	61	62
Ecore ECOsilence	58	62
SSG II Sound Control	73	63

IIC and STC ratings based on independent testing on concrete slab with drop ceiling

Quiet Flooring	IIC Rating	STC Rating	Pad Attached
Urban Surfaces Sound-Tec	66	61	YES
Shaw Quiet Cover	56	56	YES
Shaw Downtown	56	56	NO

Sound Reducing Underlayments

IIC **73** STC **63**

SSG II

IIC **58** STC **62**

ECOSilence

ecore™

IIC **62** STC **62**

QTrbm

QT
SOUND INSULATION
Original. Tested. Guaranteed.

IIC **61** STC **62**

R60

AcoustiCORK®

Quiet Flooring Options

IIC **66** STC **61**

SOUND-TEC
FLOATING FLOOR

URBAN
SURFACES

IIC **56** STC **56**

Quiet Cover

shaw hard surface®