



DURABLE ACOUSTICAL COMFORT



DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

PROTECTOR

UP TO IIC 81

IMPERIAL MATERIAL SPECIFICATIONS

Thickness	0.2 in
“R” Value	0.46
Mass	54 oz / sq.yd
Density	22 lb / cu. ft
Tensile	24 lb / in
Content	Minimum 95% recycled rubber
Roll Size	20 sq. yd
Roll Weight	68 lb
Roll Width	54 in.
Roll Length	40 ft.
Roll Diameter	11 in.
Coverage	180 sq. ft
Acoustic Value	IIC 81 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
Green Quality	CRI Green Label Plus approved
Anti-Microbial	Naturally resists mold, mildew and fungus growth
Radiant Heated Floors	Compatible
LEED	Contributes up to 6 credits
Flammability	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
Warranty	Lifetime*

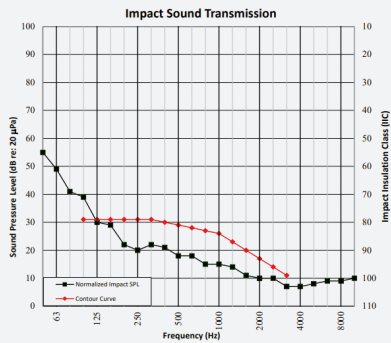
METRIC MATERIAL SPECIFICATIONS

Thickness	5 mm
"R" Value	0.46
Mass	1.83 kg / sq. m
Density	352.41 kg / cu. m
Tensile	214 N / 5 cm
Content	Minimum 95% recycled rubber
Roll Size	16.72 sq. m
Roll Weight	30.84 kg
Roll Width	1.37 m
Roll Length	12.19 m
Roll Diameter	27.94 cm
Coverage	16.72 sq. m
Acoustic Value	IIC 81 / ASTM E90 and ASTM E492 - Impact Sound Transmission (With a carpet)
Green Quality	CRI Green Label Plus approved
Anti-Microbial	Naturally resists mold, mildew and fungus growth
Radiant Heated Floors	Compatible
LEED	Contributes up to 6 credits
Flammability	PASS Pill Test / ASTM D2859 / Class 1 / ASTM E 648 - Radiant Panel Test / As an assembly with a Class 1 commercial carpet
Warranty	Lifetime*

ACOUSTICAL TESTING

PERFORMED BY:
INTERTEK

ASTM E90 + ASTM E492

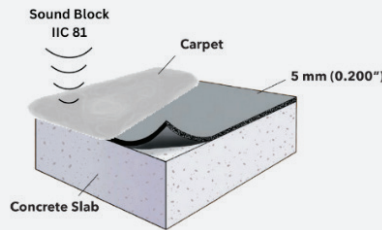


Carpet IIC*81
Protector 5 mm (13/64")

6" Concrete Slab IIC*40
Wire Hung Ceiling Grid

Approved and tested by experts

Protector 5 mm (13/64") was tested under a 12 mm carpet and over a 152 mm concrete slab, obtaining an IIC 81. IIC is a measure of impact sound transmission from one floor to another. The higher the IIC rating, the better quality of sound absorption.



Protector Specifications

The sound rated floor material shall be an open cellular rubber shall be an open cellular rubber reinforced with solid rubber particles bonded to fiberglass backing, 5 mm (13/64") thick, approximately 54 oz/yd² in weight and 22 lb/ft³ in density. The product shall have an IIC rating of 81 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be Protector 5 mm (13/64") manufactured by: Dura Undercushions Ltd.

We invite you to contact us for any inquiries via email: info@duraundercushions.com or via phone: **1-800-295-4126**

DISCOVER MORE

DURABLE ACOUSTICAL COMFORT



For Engineered Hardwood and Laminated Flooring

YOU NEED:
DURA-SON
DURA-SON MB

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC



For Carpets

YOU NEED:
DURACUSHION
SUPERDURA
PROTECTOR
DURALUX

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC

The durability of our products are the solution to all your acoustical needs. They will outlast and maintain their acoustical and comfort qualities throughout their lifetime.



For Ceramics

YOU NEED:
DURAQUIET

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC



For Vinyl

YOU NEED:
DURAQUIET

MULTI-RESILIENT LAYER FLOORING

YOU NEED:
DURACOUSTIC



DURABLE ACOUSTICAL COMFORT

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