



DURABLE ACOUSTICAL COMFORT



DURABLE, ACOUSTICAL, AND COMFORTABLE UNDERLAYMENT

NO.2025-01

DURA-SON™

UP TO IIC 74

WE'VE BEEN REVOLUTIONIZING FLOOR ACOUSTICS SINCE 1957

DURA-SON

RESIDENTIAL & COMMERCIAL USE

Dura has a clear goal: produce the highest performing underlay and carpet cushion products while contributing to the preservation of our environment for generations to come. Through our unique process of giving a second life to used rubber, we've achieved our lofty goal by creating products that absorb sound like no other and lasts for years.

With our Dura-Son underlayment, we provide the comfort and luxury that only a soundproof space can offer. Ideal for engineered hardwood and laminate flooring systems, Dura-Son is perfectly adapted to the standards of the residential and commercial sector and is guaranteed for life.

HIGH-PERFORMANCE UNDERLAYMENT



ENGINEERED
HARDWOOD
AND LAMINATE



CERAMIC



VINYL



CARPET



✓ **THE BEST ACOUSTICAL UNDERLAYMENT IN ITS CATEGORY**

✓ **MADE FROM RECYCLED RUBBER**

✓ **LASTS A LIFETIME**

✓ **RETAINS ITS SOUNDPROOFING QUALITIES**

IMPERIAL MATERIAL SPECIFICATIONS

Thickness	0.137 in
“R” Value	0.32
Mass	40 oz / sq. yd
Density	22 lb / cu. ft
Tensile	24 lb / in
Content	Minimum 95% recycled rubber
Roll Size	24 sq. yd
Roll Weight	60 lb
Roll Width	54 in.
Roll Length	48 ft.
Roll Diameter	10 in.
Coverage	216 sq. ft
Acoustic Value	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
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
Warranty	Lifetime*

METRIC MATERIAL SPECIFICATIONS

Thickness	3.5 mm
"R" Value	0.32
Mass	1.36 kg / sq. m
Density	352.41 kg / cu. m
Tensile	214 N / 5 cm
Content	Minimum 95% recycled rubber
Roll Size	20.1 sq. m
Roll Weight	27.22 kg
Roll Width	1.37 m
Roll Length	14.63 m
Roll Diameter	25.4 cm
Coverage	20.01 sq. m
Acoustic Value	IIC 74 / ASTM E90 and E492 - Impact Sound Transmission
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
Warranty	Lifetime*

WHAT MAKES DURA-SON THE NEW STANDARD

**GREATLY REDUCES
IMPACT SOUND**



**PROVIDES UNDERFOOT
COMFORT & DOES NOT
COLLAPSE OVER TIME**



**GUARANTEED TO WORK OVER
RADIANT HEATED FLOORS**



**RESISTS MOLD, MILDEW,
AND FUNGUS GROWTH**



EASY TO INSTALL



**CONTRIBUTES TO
LEED CREDITS**



**GREEN LABEL
PLUS+ CERTIFIED**



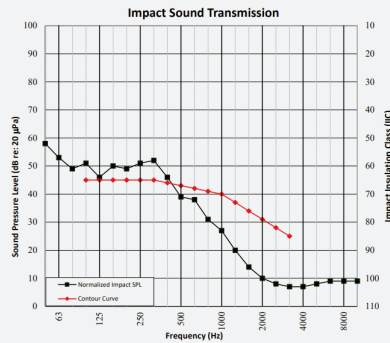
**MADE FROM
RECYCLED RUBBER**



ACOUSTICAL TESTING

PERFORMED BY:
INTERTEK

ASTM E90 + ASTM E492



Laminate IIC*74
Dura-Son 3.5 mm (1/8")
Plywood (2 x 3/8")
Super Dura 10 mm (25/64")
6" Concrete Slab
Suspended Ceiling

Vinyl IIC*72
Dura-Son 3.5 mm (1/8")
Cement board (2 x 1/2")
Duracoustic 8 mm (5/16")

14 mm Engineered Hardwood IIC*69
Dura-Son 3.5 mm (1/8")

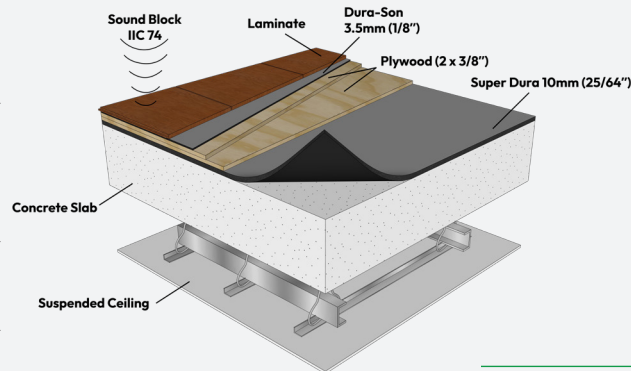
Reinforced Concrete Slab IIC*36
200 mm (8") Bare Slab

Approved and tested by experts

Dura-Son 3.5 mm was tested under a laminate floor over a 6" concrete slab. Dura-Son 3.5 mm (1/8") obtained an IIC 74. IIC is a measure of impact sound transmission from one floor to another. The standard IIC recommendation is 55 with a hardwood floor. The higher the IIC rating, the better quality of sound absorption.

Dura-Son 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, 3.5 mm (1/8") thick, approximately 40 oz/yd² in weight, and 22 lb/ft³ in density. The product shall have an IIC rating of 74 (tested as per ASTM E90 + ASTM E492) based on the construction detailed in this brochure. The acoustical material shall be DURA-SON 3.5 mm (1/8") 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**

QUICK AND EASY TO INSTALL



INSTALLATION VIDEO

STEPS

1

Make sure the subfloor is clean and dry. When installing over bare concrete floor, install a vapor barrier first.

2

When installing floating floors, laminate or engineered hardwood, DURA-SON is loose laid and not glued to the subfloor. Always install black side down.

3

When installing glued engineered hardwood and laminate floors, DURA-SON is glued down to the subfloor and under the top floor.* Always install black side down.

4

DURA-SON may be installed parallel or perpendicular to laminate flooring.

5

DURA-SON seams must be placed tightly together and preferably taped with duct tape.

6

Always follow the flooring manufacturer's specifications.



Dura-Son is not suitable for:

- Parquet wood tile floor
- Solid hardwood floor
- Ceramic, vinyl tile or vinyl sheet

Contact us directly if you plan an installation under ceramic, parquet wood tile floor, vinyl tile or vinyl sheet.

*Please contact Dura Undercushions for glue recommendations when installing DURA-SON.

WARRANTY

Dura underlayments are warranted to retain their essential firmness, resilience, and porosity through the useful life of the floor covering under which they are installed. This warranty applies to all types of indoor installations. In the event of a confirmed product failure due to a manufacturing defect, we will replace the defective section of the underlayment with a new equivalent product, free of charge.

This warranty applies only if the product is used in accordance with our instructions and for its intended purpose. It does not cover defects or failures due to improper use or misuse.



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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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