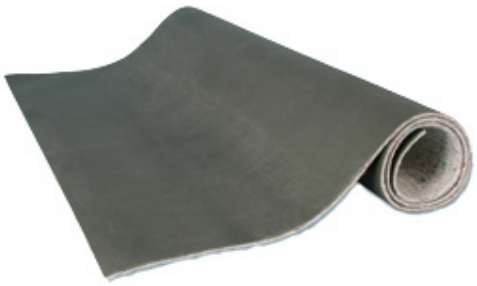
soundproofcow.com there's something about the cow.™

PRODUCT DATA SHEET

Impact Barrier® LD Flooring Underlayment

Features & Benefits:

- **Dual soundproofing function -** Impact Barrier® Flooring Underlayments will significantly reduce noise from impact, such as foot fall, and reduce airborne sound transmission, such as noise from voices, TV's and stereos.
- **Comfort Factor -** Impact Barrier® Flooring Underlayment products make any carpet "feel" plusher and luxurious.
- **Not Just for Carpeted Floors -** Impact Barrier® products are used in the construction, automotive and marine industries.
- **Protect Your Investment** – Carpet floor coverings are an expensive investment and Impact Barrier® Underlayments are the perfect product to protect that investment.



General Information:

Impact Barrier® Flooring Underlayments are superior carpet underlayment products used in the construction, automotive and marine industries to reduce noise from impact and reduce airborne noise transmission. Our Acoustic Consultants engineered this product to be the best available underlayment and for the types of customers who expect performance. Impact Barrier® Flooring Underlayments are a composite of an extremely durable, yet soft recycled cotton pad and a heavy barrier material. Quality was not compromised. We used the best, most consistent materials available to make Impact Barrier® products. Our Manufacturing staff hand builds each piece and all sheets are hand inspected for quality. Even the adhesive used to bond these products has acoustic qualities due to its permanent elastic nature. This product will outperform any foam, fiber or fiber board product available on the market. Impact Barrier® Flooring Underlayments also provide thermal insulation performance to reduce cold floors and decrease energy loss. Impact Barrier® Premium Flooring Underlayments are not for every application. It is only for applications where high expectations need to be met and the best possible product is required.

Which Impact Barrier® Flooring Underlayment is right for me?:

Impact Barrier® is available in two different configurations. Impact Barrier® LD is a two layer composite of durable, yet soft recycled cotton pad and a heavy barrier membrane. Impact Barrier® HD is a three layer composite with the barrier membrane sandwiched between two cotton pads.

Selecting the correct Impact Barrier® product is based on the volume of noise you are trying to prevent from entering or leaving the space. The Impact Barrier® products perform well when trying to deter common noises with average decibel levels. These noises can be generated from voices, TV's and stereos. If noise levels are higher than usual, typically from loud stereo systems, home theater or recording studio environments, then other products used in conjunction with Impact Barrier® may be necessary. Please call our Acoustic Consultants if you feel your project may need additional soundproofing products.

In general, if you want to reduce noise at average decibel levels and only need good sound protection, choose Impact Barrier® LD. If you want to reduce noise at average decibel levels and need the best sound protection, choose Impact Barrier® HD.

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PRODUCT DATA SHEET

Acoustic Data:

Product	STC*	IIC*
Impact Barrier® LD	48	73

* STC = Sound Transmission Class
* IIC = Impact Insulation Class

Applications by Industry:

Construction Industry:

- Offices and Conference Rooms
- Restaurants
- Single Family Dwellings
- Multi Family Dwellings
- Homes, Condos or Apartments
- Classrooms and Educational Buildings

Automotive Industry:

- Trunk Liners
- Floor Pan Liners

Marine Industry:

- Cabin Carpet Underlayment
- Cabin Wall Liner
- Hull Liners

Product Availability:

Thickness:

- 5/16 in. (+/- 1/8 in.)

Size Availability:

- 48 in. x 96 in.
- Custom sizes available, please contact us for details.

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