

# INSONOFLOOR

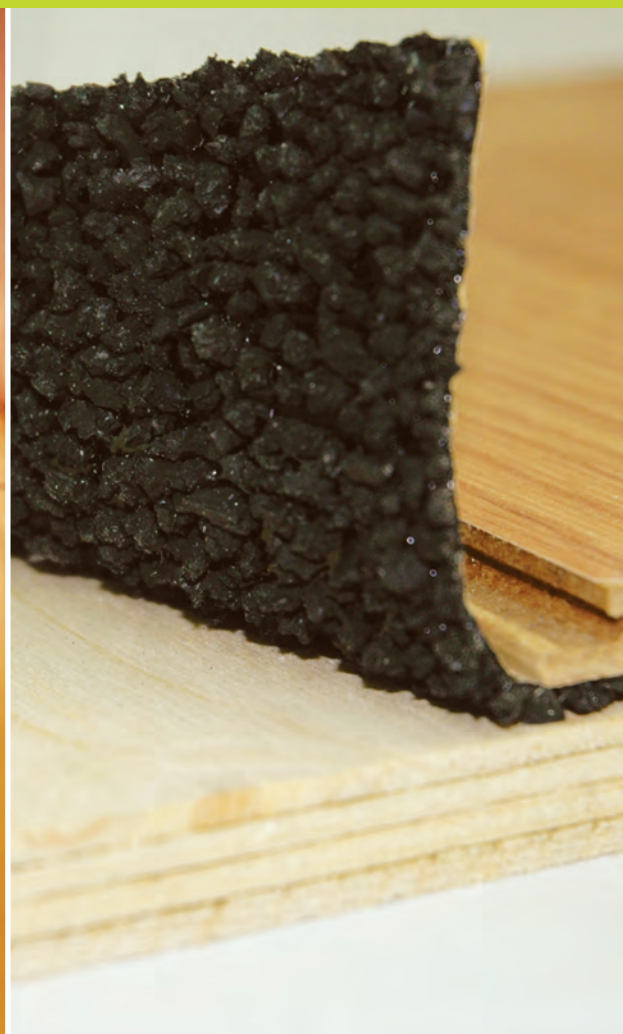
FLOOR SOUNDPROOFING SYSTEM

## RESISTOSOUND SOUNDPROOFING PRODUCT LINE



### ADVANTAGES

- Superior soundproofing performances
- Is rot proof and resists water leaks and humidity
- Moulds to the shape of the support
- Tear resistant
- Eliminates dampness in basements
- No mechanical fasteners necessary needed
- Retains its flexibility and does not flatten
- Is made from recycled materials
- Wood floor coverings can be bonded to the top surface using performant adhesives
- Provides enhanced comfort
- Improves the sound quality of home theatres when the speakers are on the floor



INSONOFLOOR is a high density polyethylene membrane coated with small granules of recycled rubber. INSONOFLOOR is specially designed to soundproof laminated floating floors, which can be installed directly on the membrane. This product not only soundproofs laminated floating floors but can also be used with other types of flooring such as hardwood floors or multi-layer engineered wood floors.

A solution from



Soundproofing products

# INSONOFLOOR

FLOOR SOUNDPROOFING SYSTEM

## SURFACE PREPARATION

### WOOD

Make sure the surface is free of all debris, such as nails, screws or any other construction rubbish that may damage the product once the floor finish is applied on the product.

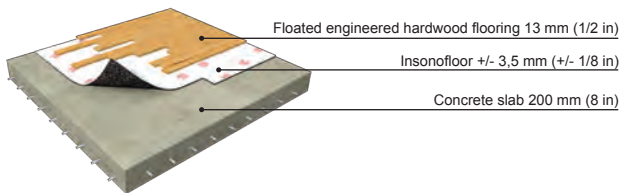
Generally, a good cleaning is enough to prepare the surface. Also make sure that there are no gaps between the two floor support panels. If necessary, fill those gaps with acoustic sealant.

### CONCRETE

The same preparation as for the wood deck should be performed, but since this product is a vapour barrier, you must also make sure that the concrete deck does not have a moisture rate so high that the product traps the moisture in the concrete.

A maximum moisture content of 3 lb/1,000 ft<sup>2</sup>/24 h (1.46 kg/100 m<sup>2</sup>/24 h) is recommended. This reading can also be taken with a calcium chloride test.

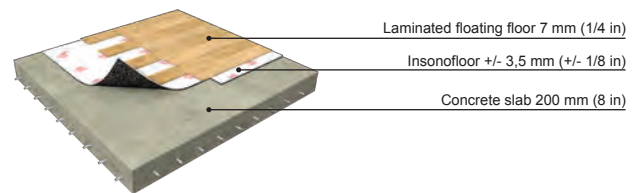
#### INB06



Properties\* : FIIC 64 FSTC 59

Note : Test performed on-site on a complete floor

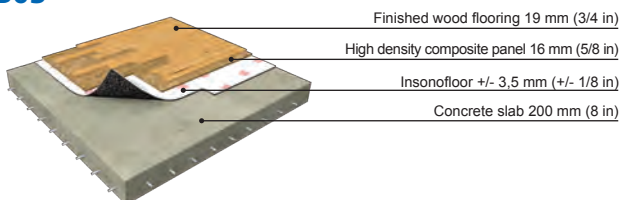
#### INB04



Properties\* : FIIC 61

Note : Test performed on-site on a floor sample (4' x 4')

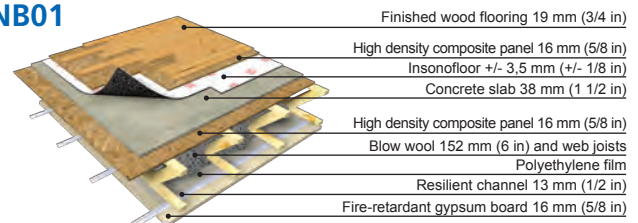
#### INB03



Properties\* : FIIC 56

Note : Test performed on-site on a floor sample (3' x 3')

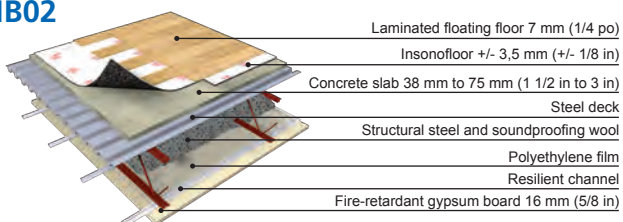
#### INB01



Properties\* : FIIC 56 FSTC 59

Note : Test performed on-site on a complete floor

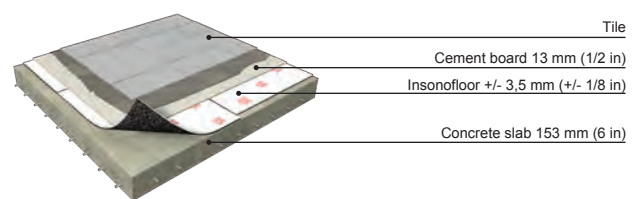
#### INB02



Properties\* : FIIC 59

Note : Test performed on-site on a floor sample (4' x 4')

#### INB05



Properties\* : FIIC 59

Note : Test performed on-site on a complete floor

## INSTALLATION METHOD

INSONOFLOOR is simply unrolled on the deck with the white film up. Install membranes side by side and overlap parts without granulates. Seal the side and end lap joints with construction tape.

**INSONOFLOOR must always be installed perpendicular to the direction of the finish boards.**

### LAMINATED STRATIFIED WOOD (floating floor)

Installed directly on INSONOFLOOR

### ENGINEERED WOOD

Laid floating directly on INSONOFLOOR or adhered using a double-side adhesive technique use one of the recommended adhesives.

### NAILED HARDWOOD FLOORING

Install a 16-mm (5/8 inch) thick high density oriented strand board (OSB) in order to have a nailing surface.

It is best if the nails do not penetrate INSONOFLOOR because they could reach the deck and create direct contact points between the hardwood and deck, thus reducing the soundproofing performance.

Moreover, since the board is laid floating, you must leave a 3 to 6 mm (1/8 to 1/4 in) space between panels to avoid floor squeaking. The oriented strand board is better than plywood because it remains flatter, which makes hardwood nailing easier.

## PRODUCT CHARACTERISTICS

**Dimensions:** 0.89 m x 10.5 m (35 in x 34.5 ft)

**Coverage:** 9.3 m<sup>2</sup> (100 sq.ft.)

**Thickness:** Approximate 3.5 mm (1/8 in)

**Weight:** Approximate 19.5 Kg (43 lb)

**Thermal Performance (R value):** 0.30

Note: Product pending approval by the CCMC (Canadian Construction Materials Centre)

FIIC: Field Impact Insulation Class

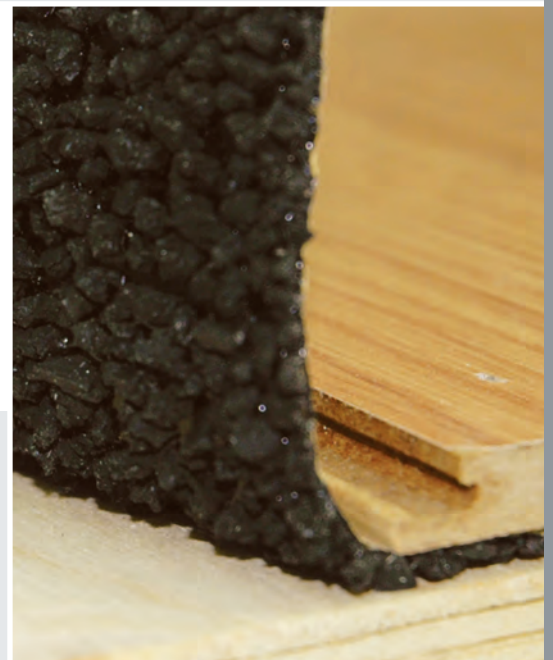
Tests in compliance with the ASTM E007-11 and ASTM E989-11 standards

FSTC : Field Sound Transmission Class

Tests in compliance with the ASTM E336-11 and ASTM E413 standards

\* FIIC and FSTC results are presented for information purposes only.

Equivalent performance cannot be guaranteed by Resisto and Soprema.



# INSONOFLOOR

FLOOR SOUNDPROOFING SYSTEM



**PEACE OF MIND  
RELAXING  
COMFORT  
PEACEFUL HOME**

## WARRANTY

RESISTOSOUND products are guaranteed against all manufacturing defects and to be suitable for all stated uses. SOPREMA's liability under this guarantee is limited to replacing or refunding the purchase price of RESISTOSOUND products found to be defective.



**SOPREMA**

1.877.626.6688  
[www.soprema.ca](http://www.soprema.ca)



1.877.478.8408  
[www.resisto.ca](http://www.resisto.ca)