IMPACTODAN®

FLEXIBLE POLYETHELENE ACOUSTIC INSULATION FOR THE REDUCTION OF IMPACT NOISE

Certification:
DIT N° 439R/16

ACOUSTIC INSULATION

Thickness (mm)

5   **10**

Impact sound insulation	Airbourne sound insulation	Great flexibility	Easy and quick to install	Minimal thickness	Resistant to moisture	Thermal comfort	High durability	DIT Certification

IMPACTODAN® is a flexible, chemically crosslinked, polypropylene flexible sheet which results in an elastic internal structure. Acoustically it works as a shock absorber applied in a mass-spring-mass system.

ADVANTAGES

- Impact sound insulation performance
  $D_{nTA} > 50dBA$, for IMPACTODAN® 5
  $D_{nTA} > 55dBA$, for IMPACTODAN® 10
- Acoustic noise insulation, $L'_{nT,w} < 65dB$
- High resistance to moisture and vapour diffusion.
- Easy & quick to install
- Thanks to its low thickness, high acoustic performances are achieved leaving greater height options.
- Great flexibility
- Good thermal conductivity providing thermal comfort.
- Great durability

APPLICATIONS

- Acoustic noise and airbourne noise insulation between users of public or private residential buildings.

- Complement the insulation of floating floors for low, medium and high frequencies in all types of commercial premises, buildings or low-commercial buildings.

- Acoustic insulation for the refurbishment of floors in domestic properties.

ENVIRONMENTAL INFORMATION

Volotile Organic Compounds
(COV's) = 30 $\mu g/m^3$
according to ISO 16000-6:2006

ÉMISSIONS DANS L'AIR INTÉRIEUR*
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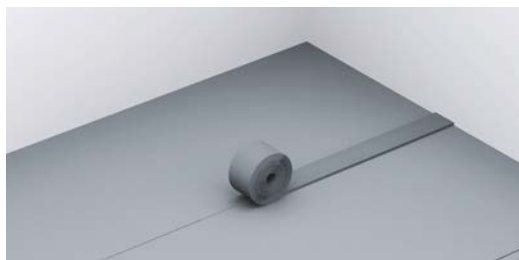Building together

IMPACTODAN®

METHOD OF APPLICATION

1.- Position thead of the roll of IMPACTODAN in the corner of the area, unroll and position subsequent rolls alongside each other until the area is covered.

3.- Pour the mortar directly on top of the IMPACTODAN product.

2.- Join the sheets together using the Label Tape 70, also apply to vertical and other areas as required.
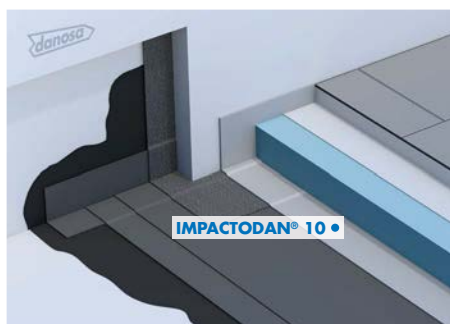
PRODUCT RANGE

Product Name	Dimensions (m)	Thickness (mm)	Improvement of the normalised level (dB)
IMPACTODAN® 5	1 x 15	5	20
	2 x 50		
IMPACTODAN® 10	2 x 25	10	19
Kit IMPACTODAN®	1 X 15	5	20

AUXILIARY PRODUCTS

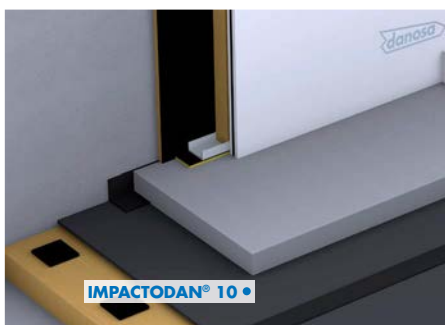| Product Name	Dimensione (m)	Thickness (mm)
Wall decelerator	0,15 x 12,5	10
Perimeter breaker 200	0.20 x 25	3
Label Tape 70	0.07 x 25	3

COMPATIBLE SOLUTIONS

IMPACTODAN® 10 •

Technical acoustic overlay

IMPACTODAN® 5 •

Basic floating floor

IMPACTODAN® 5 •

Thermoacoustic basic floating floor

IMPACTODAN® 10 •

Floating floor for noisy premises

IMPACTODAN® 10 •

Floating floor for overload scenarios

IMPACTODAN® 5 •

High performance wooden ceilings

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Contact DANOSA for more solutions

More information: www.danosa.com
Further to our policy of continuous improvement, DANOSA reserves the right to update without notice, the data contained within this document.