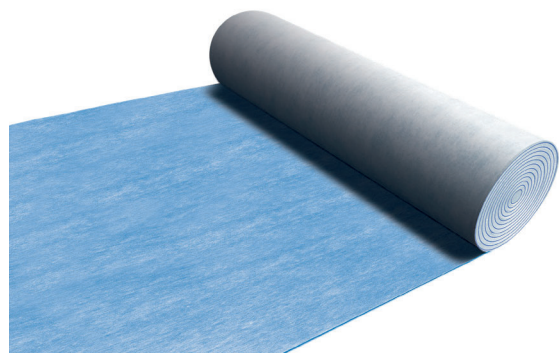




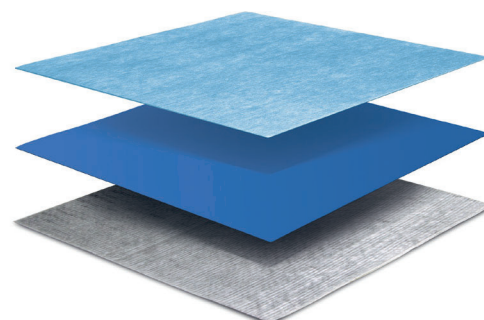
PRODESO SOUND



Spunbond
in polypropylene

Polyethylene sheet

Non-woven fabric
in polypropylene



DESCRIPTION

PRODESO SOUND is a membrane in high density polyethylene. It is covered on top with a polypropylene spunbonded and on the back with a non-woven fabric in polypropylene. Both are thermo-welded to the polyethylene sheet to guarantee the tiles and the membrane adhesion.

PRODESO SOUND is an uncoupling and foot fall insulation membrane, with a thickness of 2,3 mm, which does not require expansion joints in the support before tiling using ceramic or natural stone.

PRODESO SOUND guarantees the foot fall insulation and the indoor installation of any flooring, even on problematic supports and old tiles.

PRODUCT PLUS AND FUNCTIONS

Uncoupling

PRODESO SOUND neutralizes the differential movement arising between the support and the flooring preventing breakage; therefore, it is possible to tile on problematic supports such as wood and cracked screed.

Foot fall insulation

PRODESO SOUND, used with **PRODESO SOUND TAPE**, adhesive tape for sealing between adjacent sheets of membrane and **PROECOFON**, perimeter foot fall insulation band, guarantees a reduction of impact noise until to 17 dB.

AREAS OF USE

Use

Uncoupling and foot fall insulation membrane for moisture sensible and cracked supports such as:

- Wooden flooring
- Cement-based screed
- Gypsum-based screed
- Old ceramic and natural stone floorings
- Concrete
- Floor heating systems.

Very resistant to saline solutions, acids and alkalis, alcohol and oils. In case of particular products, contact our technical department.

Do not use

Outdoors, on bituminous coverings and on lightweight screeds not suitable for tiling. Do not use adhesives containing solvents for flooring installation. Do not install onto substrates with water rising.

WARNINGS

Install **PRODESO SOUND** using a C2TES1 cement-based adhesive. Tile immediately after laying the membrane to avoid damage. If it is not possible to tile immediately, the membrane must be protected using running boards. Do not use **PRODESO SOUND** on substrates subject to continuous rising moisture. For further information on other backgrounds and preparation, contact our technical department.

INSTALLATION INSTRUCTIONS

1. Apply **PROECOFON** 5 x 50 mm band, on the wall along the entire perimeter
2. Cut **PRODESO SOUND** to the desired length and apply a cement-based adhesive on the screed using a 8 x 8 mm notched trowel; in case of different substrates, use a suitable adhesive.
3. Place **PRODESO SOUND** into the wet adhesive and press the membrane using a plastic trowel or a roller.
4. Check for full coverage; if full coverage isn't achieved check the adhesive mix ratio and trowel size is correct.
5. Apply the next sheet of **PRODESO SOUND** taking care to align it to the previous one without overlapping.
6. Apply **PRODESO SOUND TAPE** along the joints between two adjacent sheets of **PRODESO SOUND** to guarantee the soundproofing.
7. Apply the adhesive tape **PRODESO SOUND TAPE** along the wall-to-floor connection to guarantee the soundproofing.
8. Install the floor.
9. Cut **PROECOFON** and **PRODESO SOUND TAPE** at floor level.
10. Install the skirting board at least 2 mm above the floor level and apply silicone along the perimeter.

After the membrane installation, it is possible to lay the tiles immediately.



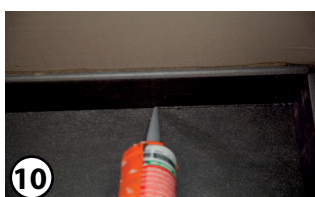
PRODESO SOUND

TECHNICAL DATA

Appearance	Polymeric membrane
Colour	White / Cyan blue
Shelf life	24 Months in dry environment avoiding direct sunlight and heat sources
Total thickness	≈ 2,3 mm EN 1849 - 2
Weight upper layer	0,080 kg / m ²
Central layer thickness	≈ 1 mm EN 1849 - 2
Central layer density	950 kg / m ³
Lower layer thickness	≈ 1 mm EN 1849 - 2
Weight lower layer	0,2 kg / m ²
Roll width	≈ 1 m
Total weight	1175 g / m ²

PERFORMANCE HIGT – TECH

Water penetration resistance	Class W1	EN 13859-1
Sd	≥ 60	DIN 52615
Impact sound insulation	17 dB	EN ISO 10140-3 EN ISO 717-2
Compressive stress at 10 % strain	15 g / cm ²	
Crack – Bridging Ability	≥ 1 mm	
Thermal resistance	0,050 m ² K° / W	UNI EN 12664
Working temperature	- 40° C / +80° C	



TEXT TEMPLATE FOR TENDERS

Delivery and installation of uncoupling and foot fall insulation membrane in high density polyethylene. It is covered on top with a polypropylene spunbonded and on the back with a non-woven fabric in polypropylene. Both of them are thermo-welded to the polyethylene sheet to guarantee adhesion to the membrane with the adhesive. The membrane is provided with accessories to have a workmanlike application, like PRODESO SOUND of the Progress Profiles company.

PDSND 30: Uncoupling and foot fall insulation Polyethylene membrane.

Roll length : _____ mt
Roll width : _____ mt
Material : _____ €/mt
Application : _____ €/mt
Total value : _____ €/mt