technical specifications

PARQUEMIX 220

Underlayment for wood and laminate flooring, insulation to reduce the sound of impact and footsteps noise

underlayment

Description

PARQUEMIX 220 is a complex formed by a sheet of synthetic EPDM rubber of 2 kg/m^2 that has a 2 mm thick sheet of high-density reticulated polyethylene adhered to one side.

Application

Product ready to be installed directly under a wooden surface or laminated floor, to improve the airborne and impact noise insulation.

- Reduces by more than 50% the reflection of noise caused by footsteps.

Acoustic reduction

PARQUEMIX 220 between a single direction framework of concrete flooring blocks (25 + 5 cm) and a 5 cm thick layer of levelling cement on top, under laminated parquet gives the following results in acoustic reduction:

R'w (C, Ctr)	= 53 (-1; -3) dB	ISO 717-1 to airborne noise
R'(A)	= 52 dB(A)	NBE CA-88 to airborne noise
L'n,w (Ci)	= 56 (-4) dB	ISO 717-2 to impact noise
L'n(A)	= 64 dB(A)	NBE CA-88 to impact noise

Test carried out as per the UNE-EN-ISO 140-4:1999 in standardised "in situ" chambers.

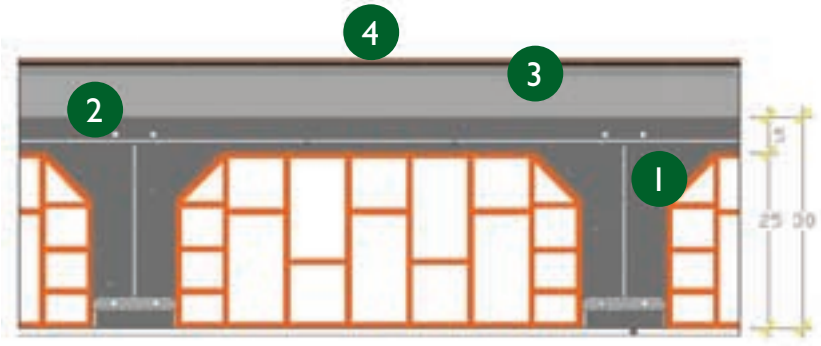
technical specifications available at our website in PDF format

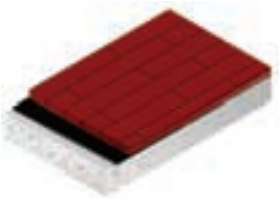
SYSTEM

Floors with floating wooden or laminated parquet flooring.

Base for placing on top of the levelling layer and below the flooring

1. Framework between floors
2. 5 cm layer of mortar and levelling
3. Insulation: PARQUEMIX 220
4. Floating wooden or laminated flooring





Technical data

Weight: 2.060 Kg/m^2

Thickness: 3 mm

Water steam transmission: 491.6 mg/m^{2}h

Colour: Black and grey

MEASUREMENTS AND PACKING

PARQUEMIX 220	weight	format	length	width	u/pallet	package	weight/pallet
	2.060 Kg/m^2	roll	8 m	1 m	20	stretchable plastic	350 Kg

AIT ACOUSTIC & INSULATION TECHNIQUES

PARQUEMIX 220

underlayment

Easy to install

Certified product

PROPERTIES

Reduces impact noise

PARQUEMIX 220 acts as impact noise insulation thanks to the properties of the closed reticule polyethylene.

Reduces airborne noise

The sheet of EPDM together with the sheet of reticulated polyethylene improves the airborne acoustic insulation due to the change of impedances that are produced between the two materials.

Improves room comfort

Due to the fact that PARQUEMIX 220 acts as an absorber of sound vibrations, it manages to reduce by more than 50% the echo produced by footsteps in the same room.

Steam barrier

PARQUEMIX 220 is a compact material with a very low steam transmission level, which together with CINMIX for sealing the joints, creates a steam barrier between frameworks preventing the formation of damp and mold.

EASY TO INSTALL

PARQUEMIX 220 is supplied in rolls that are 1 metre wide and 8 metres long. It can be cut with a cutter and special tools are not required for handling it.

1. The floor must be stable and without any remains of material. Before installing, cut PARQUEMIX 220 to the required size.
2. Spread PARQUEMIX 220 with the side with the PE on the framework.
3. Prevent air bubbles from forming between the floor and the PARQUEMIX 220.
4. Apply CINMIX self-adhesive to weld the joins between the sheets of PARQUEMIX 220 and to stick them to the walls of the room.
5. Immediately after applying PARQUEMIX 220, you can start to lay the floating wooden or laminated flooring.


1


2


3

Important

The expansion joints envisaged in the building should not be short-circuited with PARQUEMIX 220, but require their own treatment, respecting the movement of the building for which they are envisaged.

Before laying PARQUEMIX 220, you should check that the floor is clean, dry and free of protuberances or stones that could damage the sheet.

Storage

Store the product in a well-ventilated area far from sources of heat. Protect the product from sunlight and atmospheric phenomena in general. Do not store out of doors. Store between 0 ºC and 40 ºC. Protect from dust and sand. It is not recommendable to store pallets on top of each other for long periods of time.

AIT ACOUSTIC & INSULATION TECHNIQUES

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