

Mapesonic CR

Building Product Information Requirements Compliance Statement

Date: 09/10/2023 (version 1)

Product name: **Mapesonic CR**

Product identifier: **Mapesonic CR**

Product Line

Mapesonic CR is a thin section soundproofing membrane used to counteract transmission of noise through floors caused by footsteps and impact noise in intertenancy situations.

Product Description

Mapesonic CR is a soundproofing membrane manufactured using recomposed cork and runner bound together using a high-quality polyurethane composite. Mapesonic CR is for internal use only for under ceramic, porcelain and stone tile. Mapesonic CR is used for under engineered and solid timber flooring in direct fix and floating installations. Mapesonic CR and can also be used under vinyl, LVT and linoleum flooring. Mapesonic CR can be used in dry and wet areas under the above flooring products when the appropriate Mapei waterproofing membrane is applied.

Mapesonic CR can be applied in internal applications over the following substrates:

- concrete
- cement screeds and screeds made using binders.
- cement board, tile & slate underlay, and compressed sheet.
- Plywood
- Existing nail down tongue and groove timber
- Particle board
- Strand board
- Cross laminated timber

MBP (NZ) Ltd.

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WE SUPPLY THE FOLLOWING MAPEI GROUP BRANDS AND SYSTEMS:



Mapesonic is supplied as:

- 10 Linear meter roll, 4mm thick and 1 meter wide.
- 20 Linear meter roll, 2mm thick and 1 meter wide
- Colour: Brown and black speckled

Ancillary Products

- Acoustic Perimeter strip 15mm x 6mm
- Ultrabond V4 Evolution Adhesive
- Ultrabond VS90 Plus Adhesive
- Ultrabond V4SP Fiber Adhesive

For a complete range of suitable Adhesives, primers and waterproofing membranes please refer to:

Mapesonic CR technical references:

- Mapesonic CR – Technical datasheet (915-6-2023 GB)
- Auckland University Acoustic Lab Testing June 2019 for under Ceramic and Porcelain Tiles
- Auckland University Acoustic Lab Testing November 2017 for under Engineered Timber Flooring over concrete substrate

Or request support at

www.mapei.com/nz/en/technical-and-commercial-support

Relevant Building Code Clauses

New Zealand Building code:

NZBC, Clause G6 Airbourne and Impact Sound

Compliance with the code is demonstrated by the University of Auckland Test reports

- T1742-3 – direct fixed with direct fixed engineered timber
- T1742-2 – direct fixed with loose laid engineered timber
- T1742-1 – loose laid with loose laid engineered timber
- T1931 – under ceramic tiles

Scope and Design Requirements

Mapesonic CR can be used as a thin-set sound proofing underlay for internal use only for under ceramic, porcelain and stone tile, timber flooring, vinyl, LVT and Linoleum flooring. Mapesonic CR and can be used in dry and wet areas under tiles and timber flooring or vinyl, LVT and Linoleum when the appropriate Mapei waterproofing membrane is applied.

Mapesonic CR can be used as a thin-set sound-proofing underlay for internal use within the following scope:

on interior floor substrates of

- concrete
- cement screeds and screeds made using binders.
- cement board, tile & slate underlay, and compressed sheet.
- Plywood
- Existing nail down tongue and groove timber
- Particle board
- Strand board
- Cross laminated timber
- Flooring design must not exceed 1/360th of the span.
- Movement and control joints must be carried through the membrane and trafficable floor finish.

The design and the construction of the substrate and movement and control joints are specific to each building and is there for the responsibility of the building designer and building contractor.

Conditions and Limitations of Use

Specification of the acoustic underlay must be done in conjunction with the information provided in the acoustic testing carried out at the Auckland University showing the acoustic values and the product TDS

Installation of the Mapesonic CR must always be carried out in accordance with the Mapesonic CR technical literature.

Supporting Documentation

The following additional documentation supports the above statements:

Mapesonic CR Technical datasheet

[MAPESONIC CR, technical sheet | Mapei](#)

Performance test reports

- [T1742-3 – direct fixed with direct fixed engineered timber](#)
- [T1742-2 – direct fixed with loose laid engineered timber](#)
- [T1742-1 – loose laid with loose laid engineered timber](#)
- [T1931 – under ceramic tiles](#)

Contact Details**Manufacture location**

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Warnings and Bans

Mapesonic CR is not subject to a warning or ban under section 26 of the Building Act 2004.

Version History

Version number	Written by	Checked by	Date issued	Changes from previous version
V1 10/10/2023	JP	PT	10/10/2023	New document