

PRODUCT SPECIFICATION

PRODUCT NAME: GenieMat FF05NP

MATERIAL: Robust reduced sound transmission mat made from 94% recycled content.

DESCRIPTION: Designed to reduce the transmission of impact sound generated by footfall noise for various types of structures for both residential and commercial use. Can be used directly under various floor finishes such as vinyl, porcelain tile and wood or used directly under screed or gypsum concrete in concrete, steel and wood construction.

- FEATURES AND BENEFITS:**
- Tested by 3rd party accredited laboratories to significantly reduce impact sound
 - Mould, bacteria, fungi, and water resistant
 - Qualifies for GreenStar® points
 - Easy to install
 - Will not fail under high point loads
 - CE Marked

DIMENSIONS:

Sheets: 1.22 m wide, 2.13 m long
Rollgood 1: 1.22 m wide, 9.14 m long
Rollgood 2: 1.22 m wide, 10 m long

COVERAGE:

Sheets: 2.6 m²
Rollgood 1: 11.15 m²
Rollgood 2: 12 m²

THICKNESS: Nom. 5mm (± 0.5mm) (tolerances are pursuant to ST2 ISO 3302-1)

WEIGHT/SQM: 3.8-4.4 kg/m²



TECHNICAL DATA

Meets NCC's Part F5.4 Sound transmission and insulation stipulates class 2 & 3 buildings must have an impact sound insulation rating of not more than Ln,w 62.

BUILDING CODE:

**Ln,w is a measurement of a flooring system's effectiveness at preventing impact noise from transmitting. The lower the rating, the higher the impact sound reduction performance of the system.*

ACOUSTIC PERFORMANCE (ISO 717.2-2004)

Third-party Acoustic Laboratory results:

AAAC Rating:

- 15 mm Engineered timber – Ln,Tw 43 dB ★ ★ ★ ★ ★ ☆
- 6.5 mm Hybrid Flooring – Ln,Tw 44 dB ★ ★ ★ ★ ★ ☆
- 12 mm Laminate Flooring – Ln,Tw 45 dB ★ ★ ★ ★ ★ ☆
- 8.35 mm Engineered Wood – Ln,Tw 53 dB ★ ★ ★ ☆ ☆ ☆
- 5 mm Vinyl Flooring – Ln,Tw 51 dB ★ ★ ★ ☆ ☆ ☆
- 8 mm Ceramic Tile - Ln,Tw 57 dB ★ ★ ☆ ☆ ☆ ☆

**All assemblies have been tested on a 200 mm concrete slab. The Eng. Timber, Hybrid and Laminate are tested with a 100 mm ceiling cavity and 10 mm plasterboard ceiling below the slab.*

TENSILE STRENGTH & ELONGATION AT BREAK (ASTM D412)

≥ 0.7 N/mm²
≥ 65%

TYPE A HARDNESS (ASTM D2240):

40 durometer (+/-5)

TEMPERATURE STABILITY:

-40°C to +115°C (-40°F to +240°F)

THERMAL RESISTANCE (R-VALUE):

0.023 (m²K)/W

THERMAL TRANSMITTANCE (U-VALUE):

44.3 W/(m²K)

CONTACT US

For Your Project Specific Questions

T. + 61 3 9018 7696

E. info@pliteq.com.au

W. www.pliteq.com.au

© Pliteq Inc. 2023.

®™ Trademarks of Pliteq Inc. The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested



CONTROLLED BY Global Services