

### 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 LEED<sup>®</sup> points
  - Easy to install
  - Will not fail under high point loads
  - CE Marked

**DIMENSIONS:** Sheets: 1.22 m wide, 2.13 m long

**COVERAGE:** Sheets: 2.6 m<sup>2</sup>

**THICKNESS:** Nom. 4.5 mm (± 0.5mm) (tolerances are pursuant to ISO 3302-1)

**WEIGHT/SQM:** 3.8 to 4.4 kg/m<sup>2</sup>

**QTY/PALLET:** 100 Sheets/Pallet



# GENIEMAT<sup>®</sup> FF05NP

## SOUND CONTROL UNDERLAYMENT



### TECHNICAL DATA

**BUILDING CODE:** Meets and improves impact performance requirements for Approved Document E, Part F5 of NCC in Australia, and Clause G6 of New Zealand Building Performance Code.

**REDUCTION OF IMPACT SOUND PRESSURE LEVEL**  $\Delta L_w$  25 dB

(ISO 717-2):

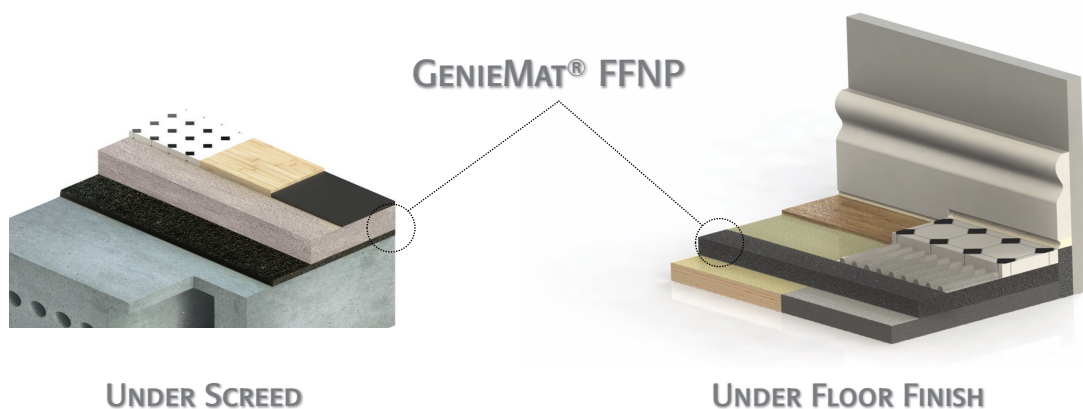
**TENSILE STRENGTH & ELONGATION AT BREAK** (ASTM D412)  $\geq 0.7$  N/mm<sup>2</sup>  
 $\geq 65\%$

**TYPE A HARDNESS** (ASTM D2240): 40 durometer

**TEMPERATURE STABILITY:** -40°C to +115°C (-40°F to +240°F)

**THERMAL RESISTANCE (R-VALUE):** 0.038 (m<sup>2</sup>K)/W

**THERMAL TRANSMITTANCE (U-VALUE):** 26.6 W/(m<sup>2</sup>K)



UNDER SCREED

UNDER FLOOR FINISH

© 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 APPLICATION MAY NEED TO BE MODIFIED TO CONFORM WITH LOCAL BUILDING CODES AND CONDITIONS. WE CANNOT ACCEPT RESPONSIBILITY FOR PRODUCTS THAT ARE NOT USED, OR INSTALLED, TO OUR SPECIFICATIONS. ALL LISTED DIMENSIONS ARE NOMINAL.





# AROUND THE WORLD.



## PLITEQ INC.

131 Royal Group Crescent  
Vaughan, ON  
L4H 1X9 Canada

T. + 1 416 449 0049

info@pliteq.com  
www.pliteq.com

## PLITEQ (UK) LTD.

Irongate House  
22-30 Dukes Place  
London  
EC3A 7LP

T. + 44 203 9846444

info@pliteq.co.uk  
www.pliteq.co.uk

## PLITEQ BUILDING MATERIALS TRADING LLC.

European Business Centre  
Dubai Investment Park  
PO Box 473 512  
Dubai, UAE

T: +971 4 567 4944

info@pliteq.ae  
www.pliteq.ae

## PLITEQ ASIA PACIFIC PTE LTD.

101 Cecil Street #19-13  
Tong Eng Building Singapore  
069533

T. +65 8452 6865

info@pliteq.sg  
www.pliteq.sg



© Pliteq Inc.

®™ 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 application may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications. All listed dimensions are nominal.