

GenieBoard® 302

HIGH DENSITY RECYCLED SUBFLOOR PANEL



PRODUCT SPECIFICATIONS

PRODUCT NAME: **GenieBoard 302**

DESCRIPTION: A dry flooring panel that can be used as an alternative to cementitious topping or multiple plywood and cement board layers. Connects with a nom. 2" (50 mm) shiplap joint, which is glued and fixed with screws or staples 8" (nom. 200 mm) o.c. along board joints.

APPLICATION: Can be used directly under all flooring types and on top of all **GenieMat®** products in lightweight and heavyweight buildings.

FEATURES AND BENEFITS:

- Eliminating the wet trade simplifies construction and saves cost
- Provides improved impact and airborne sound insulation
- No cure time leading to faster construction
- Shiplap joint for single layer installation
- Compatible under raised access flooring systems
- Reduce the risk of mold and slurry staining
- Reduce the amount of embodied carbon associated with construction
- Reduce the amount of structural materials required in a building
- Reduce the amount of water brought into a building
- Reduce the amount of volatile organic compound (VOC) emissions associated with the construction process

DIMENSION: nom. 19-11/16" x nom. 59" (500 mm x 1500 mm) with nom. 2" (50 mm) overlap

AREA: 8.1 ft² (0.75 m²)

THICKNESS: nom. 1" (25 mm)

WEIGHT: 48.88 lb/Panel (22.2 kg/Panel)

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TECHNICAL DATA

ACOUSTIC PERFORMANCE (ASTM E90, ASTM E492, ISO 10140-2, ISO 10140-3):	Shall be STC 53 and IIC 48 when installed on a 5 ply CLT floor with GenieBoard 301 and GenieMat FF10NBN Shall be STC 58 and IIC 62 when installed on an 11-7/8" (301.6 mm) TJI Joist with 3/16" (4.8 mm) LVT, GenieMat FF10NBN , 3/4" (19.1 mm) OSB, 3-1/2" (88.9 mm) Fiberglass Insulation, RC Deluxe, and 2 x 5/8" (15.9 mm) ULIX Gypsum Board
WATER VAPOR PERMEABILITY (EN 12086):	13μ when 0/50 (A, dry) under condition 23 12μ when 50/93 (C, wet) under condition 23
THERMAL RESISTANCE:	0.05 ft ² ·°F·h/BTU (0.01 m ² ·K/W)
THERMAL CONDUCTIVITY:	1.7 BTU/ft·°F·h (0.3 W/m·°K)
MAXIMUM POINT LOAD:	3 kN (674 lbf)
FIRE RESISTANCE (EN 13501, GB 8624):	A2fl-s1
FLAME SPREAD INDEX (ASTM E84):	0
SMOKE DEVELOPED INDEX (ASTM E84):	35
VOC EMISSIONS (CDPH/EHLB STANDARD METHOD v1.2-2017):	FloorScore® certified

AROUND THE WORLD.

PLITEQ NORTH AMERICA

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

4211, Yonge Street,
Suite 404, Toronto, ON M2P
2A9 Canada

2015 Main St,
Vancouver, BC
V5T 3C2 Canada

251 Little Falls Drive
Wilmington, DE
19808
United States of America
11701 N. 132nd Drive
Surprise, AZ
85379
United States of America

Calz. Gral. Mariano Escobedo
476-piso 12 Chapultepec
Morales, Anzures,
Miguel Hidalgo, 11590
Ciudad de México, CDMX
Mexico

T.+1 416 449 0049
T.+1 480 805 5560
T.+52 1 938 164 1551
info@pliteqacoustics.com
www.pliteqacoustics.com

PLITEQ UNITED KINGDOM

Office 205, Orega High
Holborn, 16 High Holborn,
London, WC1V 6BX
United Kingdom

T.+44 203 9846444
info@pliteqacoustics.com
www.pliteqacoustics.com/uk

PLITEQ MIDDLE EAST

European Business Centre
Dubai Investment Park
PO Box 473 512
United Arab Emirates

T. +971 4 567 4944
info@pliteqacoustics.com
www.pliteqacoustics.com/ae

PLITEQ ASIA PACIFIC

78 Shenton Way Tower 2,
6th Floor, Office Suite 25
079120, Singapore

T.+65 6813 2017
info@pliteqacoustics.com
www.pliteqacoustics.com/sg

PLITEQ AUSTRALIA

72 York Street, South
Melbourne, VIC, 3205
Australia

T.+61 3 9018 7696
info@pliteqacoustics.com
www.pliteqacoustics.com/au

