

GenieBoard[®] 301

HIGH DENSITY RECYCLED SUBFLOOR PANEL



PRODUCT SPECIFICATIONS

PRODUCT NAME: **GenieBoard 301**

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. 3/4" (20 mm)

WEIGHT: 38.89 lb/Panel (17.6 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 302 and GenieMat FF10NBN
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:	2 kN (450 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

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