

LP TopNotch Guard 350

MINOR VARIATION FORM – PRODUCT SUBSTITUTION



Version 1.0. May 2022

PURPOSE

This form provides the necessary information to enable the substitution of an alternative, consented flooring material for LP TopNotch Guard 350 as a minor variation. This document establishes that LP TopNotch Guard 350 is a comparable material (Reg. 3(2)(a) Building (Minor Variations) Regulations 2009.

PRODUCT INFORMATION

Address

Building Consent number

Plan sheets¹ where product is specified

Name of product consented

Type of material

Plywood (F11) manufactured to AS/NZS 2269

Particle board manufactured to AS/NZS 1860

Strandfloor[®] H3.1 & Strandfloor[®] CodeMark
BRANZ-CM-1003 & 1004

Other

Subfloor structure & means of compliance

NZS 3604:2011.

Existing and equivalent stiffness to framing provisions
of NZS 3604:2011 established.

Basis of establishing comparable material & compliance with NZ Building Code

Subfloor structure in accordance with scope of
use, limitations, and conditions of ITI Timspec LP
Topnotch Guard 350 pass[™] 19161.

Use of LP Topnotch Guard 350 will be in accordance
with the scope of use and limitations of ITI Timspec
LP Topnotch Guard 350 pass[™] 19161.

No additional performance over and above code
compliance are required for this project.

Based on pass[™], and specifics of this project confirmation
that the performance characteristics of LP Topnotch
Guard 350 are equivalent to the consented product.

Documents supplied with this form:

ITI Timspec LP TopNotch
Guard 350 pass

IVS Labs Ltd. Analysis Report
R59184(1).

TBB Evaluation

I confirm that the information in this form is correct at the time of signing this document

Name:

LBP number

Date:

¹ Plan sheets referenced must be the relevant stamped documents

COMPARISON TABLE

Note: all the comparison products are cited or have a CodeMark for use in NZS3604 and all have different characteristics of the characteristic values are not stated.

Characteristic	LP Topnotch 35	Particleboard	Plywood (F11)	Strandfloor® Codemark
Bending strength	20 MPa (major axis) 10 MPa (minor axis)	≥ 17Mpa	31MPa	Comparable to AS/NZS 1860
Modulus of elasticity	3500 MPa (major axis) 1400 MPa (minor axis)	≥ 2650 MPa	10500MPa	Comparable to AS/NZS 1860
Internal bond strength	0.32 Mpa	≥ 0.50MPa	Not prescribed	Not stated
Glue bond quality	Not measured	≥ 2.9 MPa	Not prescribed	Not stated
24 hour swell thickness	15%	≤ 14%	Not prescribed	Not stated
Thickness stability	20%	≤ 25%	Not prescribed	Not stated
Surface water absorption	Not measured	≤ 210 g/m ²	Not prescribed	Not stated

For further detail on LP Topnotch 350 refer to *Evaluation of LP Topnotch Guard 350*, TBB, April 2022.