

LP TOPNOTCH GUARD 350

PURPOSE

ITI Timspec supplies LP TopNotch Guard 350 for use as an internal flooring substrate.

EXPLANATION

LP TopNotch Guard 350 is an oriented strand board (OSB) engineered structural wood panel, manufactured from rectangular wood strands blended with thermal-set, waterproof adhesives and arranged in cross-directional layers that are pressure-bonded. The panels are boron-treated to H3.1.

The panels are manufactured from wood from Sustainable Forestry Initiative certified programs.

The panels have tongue and groove edges and a moisture-resistant edge seal. The panels also incorporate a RainChannel® notch system that allows water to drain quickly from the surface.

The panels are 1220 x 2440 x 18 (W x L x T, mm).



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SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Building	
In buildings where the relevant part of the building complies with the NZ Building Code or where the designer and installer have satisfied themselves that the relevant part of the existing building is suitable for the intended building work.	➤ Top Notch 350 Flooring shall not be exposed to weathering more than 8 weeks.
As a flooring substrate.	➤ Where used in areas prone to water splash, a waterproof membrane or waterproof protective coating must be applied.



USEFUL INFORMATION

For information on the design, installation and maintenance of LP TopNotch Guard 350 and for our warranty refer to www.ititimspec.nz.

OTHER CERTIFICATIONS AND APPROVALS HELD BY LOUISIANA PACIFIC CORPORATION

- ISO 14001:2015 Environmental Management System certified [SAI Global, 08/01/2021].
- Sustainable Forestry Initiative (SFI) Certified to SFI 2015-2019 Chain of Custody [SAI Global, 24/11/2020a].
- Programme for the Endorsement of Forest Certification (PEFC) Certified to PEFC ST 2002:2013 – Chain of custody of forest based products [SAI Global, 24/11/2020b].

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all ITI Timspec requirements, LP TopNotch Guard 350 will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 STRUCTURE B1.3.1, B1.3.2, B1.3.3 (a, h, j, k, q), B1.3.4	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021]. ➤ Tested to ASTM D3043 for stiffness and strength, ASTM D3500 for tension, ASTM D3501 for compression and stiffness, ASTM D2718 for plane, and ASTM D2719 for rigidity in thickness and shear [Louisiana-Pacific Corporation, 2018].
B2 DURABILITY B1.3.2 (b)	VERIFICATION METHOD B2/VM1, paragraph 1.2	<ul style="list-style-type: none"> ➤ Treated to H3.1 [IVS Labs Ltd, 08/11/2021]. ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021].
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ APA evaluation to DOC PS 2 Performance Standard for Wood Structural Panels based [APA, 03/2021]. ➤ APA DOC PS 2 evaluated by ICC Evaluation Service to International Building and Residential Codes (2009, 2012, 2015, and 2018) [ICC-ES, 07/2021].

SOURCES OF INFORMATION

- APA. [16/03/2021] *APA Product Report LP Legacy™ Sub-Flooring. PR-N127*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/apa-pr-n127-legacy-premium-sub-flooring> [Accessed on 09/11/2021].
- ICC-ES. [07/2021] *ICC-ES Evaluation Report. ESR-2586*.
- Louisiana-Pacific Corporation. [2018] *TopNotch Sub-Flooring Technical Guide*. Retrieved from <https://lpcorp.com/resources/product-literature/technical-guides/lp-topnotch-technical-guide> [Accessed on 09/11/2021].
- IVS Labs Ltd. [8/11/2021] *Analysis Report*. Report Number R59184(1).
- SAI Global. [24/11/2020a] *Certificate of Registration. CERT-0136968*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/sfi-chain-of-custody-certificate> [Accessed on 09/11/2021].
- SAI Global. [24/11/2020b] *Certificate of Registration. CERT-0136969*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/pefc-chain-of-custody-certificate> [Accessed on 09/11/2021].
- SAI Global. [08/01/2021] *Certificate of Registration. CERT-0136973*. Retrieved from <https://lpcorp.com/resources/product-literature/code-reports-certificates/iso-14001-certificate> [Accessed on 09/11/2021].

2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.

ITI Timspec Ltd confirms that if LP TopNotch Guard 350 is used in accordance with the requirements of this pass™ the product will comply with the Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue:

Date of current issue:

NZBN:

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COMPLIANCE DOCUMENTATION
FOR THIS PASS™.

www.ititimspec.nz



Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of the ITI Timspec Ltd and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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