

Test Report

No.SDHL260200226301HI

Date: Mar 30, 2026

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FOSHAN MEXYTECH CO.,LIMITED

ROOM 2-8,BUILDING B,TORCH INNOVATION PARK,JIHUA 2 ROAD,CHANCHENG DISTRICT FOSHAN CITY,
GUANGDONG PROVINCE,CHINA

Sample Description : PU DECK

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Feb 04, 2026

Test Performing Date : Feb 04, 2026 to Mar 30, 2026

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test item	Test(s) Requested	Result(s)	Comments
1	Bonding quality	BS 1088:2018 Clause 5.5 & BS EN 314-1: 2004 & BS EN 314-2:1993	Pass	/
For further details, please refer to the following page(s)				

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Peter Zhao
Authorized Signatory

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Test Information:

Sample Description: See photo

BS 1088:2018 Clause 5.5: Bonding quality

The test methods and requirements are as below:

BS EN 314-1:2004 Plywood — Bonding quality —Part 1: Test methods

BS EN 314-2:1993 Plywood — Bonding quality —Part 2: Requirements

Pre-treatments:

Sequence of pre-treatment	Pre-treatment (According to BS EN 314-1)
5.1.1	Immersion for 24h in water at $(20 \pm 3) ^\circ\text{C}$.
5.1.3	Immersion for 4h in boiling water, then drying in the ventilated drying oven for 16h to 20h at $(60 \pm 3) ^\circ\text{C}$, then immersion in boiling water for 4h, followed by cooling in water at $(20 \pm 3) ^\circ\text{C}$ for at least 1h.
5.1.4	Immersion for (72 ± 1) h in boiling water, followed by cooling in water at $(20 \pm 3) ^\circ\text{C}$ for at least 1h.

Test results:

1. Pretreatments 5.1.1.

Average results of each glue-line:

Glue-line	Shear strength $f_v(\text{N/mm}^2)$	Apparent cohesive wood failure $\omega\%$
#2	1.51	55
#4	1.54	45
#6	1.44	40
#8	1.62	45

2. Pretreatments 5.1.3.

Average results of each glue-line:

Glue-line	Shear strength $f_v(\text{N/mm}^2)$	Apparent cohesive wood failure $\omega\%$
#2	1.36	50
#4	1.26	30
#6	1.40	30
#8	1.24	25



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3. Pretreatments 5.1.4.

Average results of each glue-line:

Glue-line	Shear strength $f_v(N/mm^2)$	Apparent cohesive wood failure $\omega \%$
#2	1.26	35
#4	1.38	40
#6	1.14	25
#8	1.24	45

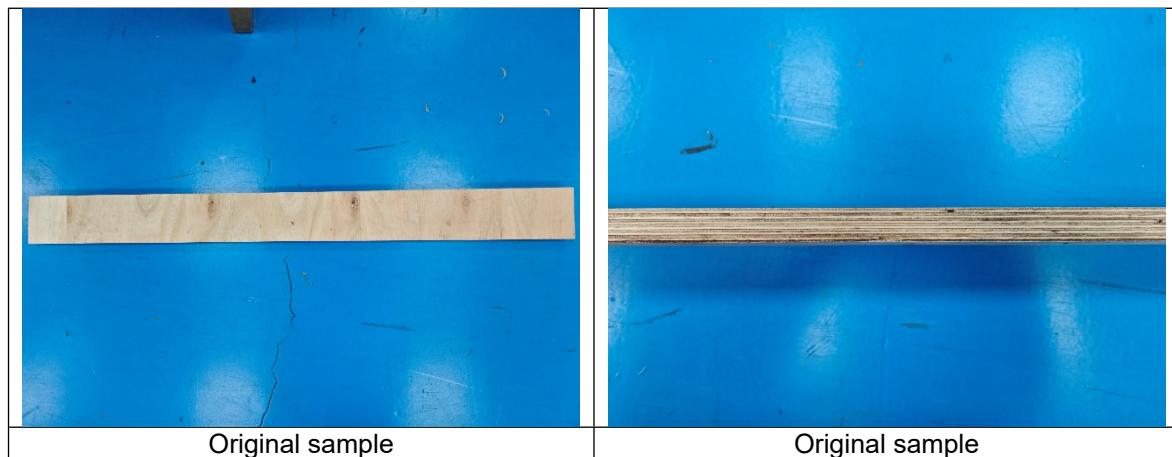
Criteria of BS EN 314-2:1993

For bonding class 3, each glue-line shall satisfy two criteria: the mean shear strength and the mean apparent cohesive wood failure, as combined in the following table:

Requirement	
Mean shear strength $f_v(N/mm^2)$	Mean apparent cohesive wood failure $\omega \%$
$0.2 \leq f_v < 0.4$	≥ 80
$0.4 \leq f_v < 0.6$	≥ 60
$0.6 \leq f_v < 1.0$	≥ 40
$1.0 \leq f_v$	no requirement

Conclusion: The submitted sample meets the requirement of BS 1088:2018 Clause 5.5 Bonding quality.

Photo Appendix:



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

End of Report



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