

TEST REPORT

TEST SUMMARY

NATURE AND PURPOSE OF TEST

Specimens of commercially available pine and merbau decking of 140mm width coated with *Cetol Deck Ultra Slip Resistant oil-based translucent timber stain for walk-on surfaces* were tested to determine slip resistance as per AS 4586-2013.

REPORT NUMBER

TR00048-1

CUSTOMER

NAME	Akzo Nobel
ADDRESS	Unit 3/344 Lorimer Street Port Melbourne VIC 3207
CONTACT PERSON	Wasim Mohammed
EMAIL	Wasim.Mohammed@akzonobel.com

LOCATION OF TEST

ADDRESS	71 Division Street Welshpool WA 6106
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TESTING FACILITY

NAME	Independent Testing Australia Pty Ltd
ADDRESS	71 Division Street, Welshpool WA 6106
ABN	69 657 524 957

LIMITATION, TERMS AND CONDITIONS

1. This report is issued in accordance with the Terms and Conditions as detailed and agreed in the Independent Testing Australia (ITA) Agreement for this work.
2. Whilst ITA takes every effort to ensure the accuracy of all information contained within this report, it is not responsible for the accuracy of information provided to it by its customers, particularly in such circumstances where supplied information may affect the validity of test results.
3. The test results reported within this report relate only to the items tested.
4. As ITA does not perform sampling, the test results reported within this report relate only to the sample(s) as supplied.

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5. Measurement uncertainty is not taken into account when providing statements of conformity within this test report.

SIGNATORIES

A handwritten signature in black ink, appearing to read 'Mark Grivell'.

Author

Authorised to release test report(s) on behalf of Independent Testing Australia.

Mark Grivell

Technical Director

A handwritten signature in blue ink, appearing to read 'Jessica Amoroso'.

Reviewer

Authorised to release test report(s) on behalf of Independent Testing Australia.

Jessica Amoroso

Laboratory Technician

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TESTING PROCEDURE

Testing was carried out in accordance with AS 4586-2013 Appendix A.

ADDITIONS, DEVIATIONS AND/OR EXCLUSIONS FROM AS 4586-2013

Nil

SITE CONDITION AND IDENTIFICATION OF TEST AREA

Test specimens of pine and merbau timber decking were prepared and coated as per Sikkens Cetol Deck Ultra Slip Resistant Technical Data Sheet (TDS):

1. Timber decking specimens were sanded using 100 grit sandpaper.
2. Sikkens Cetol Tannin and Oil Remover was applied to test specimens and allowed to remain for 15 minutes before rinsing clean.
3. Sikkens BL Deck & Wood Cleaner was applied and scrubbed into the surface of the test specimens and allowed to remain for 15 minutes before rinsing clean.
4. Test specimens were allowed to dry overnight before a primer coat of Sikkens Cetol HLSe was applied and allowed to dry for 24 hours.
5. 2 coats of Sikkens Cetol Deck Ultra Slip Resistant were applied at 24-hour intervals.

Prepared test specimens were allowed to cure for a period of 7 days prior to testing.

DATE OF TEST

28/03/2025

NAME OF PERSONNEL CONDUCTING TEST

Mark Grivell

EXTENT AND TYPE OF CLEANING TO SURFACE PRIOR TO PERFORMING TEST

All areas were cleaned with a cloth pre-moistened with water prior to performing slip testing. No detergents were used for cleaning of the surface.

TEST SLIDER

Slider 96

VERIFICATION READINGS

VERIFICATION SURFACE	READINGS	ACCEPTABLE LIMITS	VERIFICATION WITHIN ACCEPTABLE LIMITS?
Nil contact	0,0,0,0,0	0	Yes
P400 Abrasive	90,92,91,90,91	85+/-10	Yes
3M 261X Lapping sheet	63,62,62,63,63	61+/-3	Yes

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TEST RESULTS

Table 1 below summarises results for measurement of slip testing for the two test panels tested.

TEST NUMBER	TEST AREA	DIRECTION OF TEST	PLACEMENT OF SLIP TESTER IN TEST AREA	RESULTS		
				BPN	SRV	P RATING
T1	Pine decking specimen	Across grain		48,50,48,48,47	48	P4
		Along grain		54,54,54,52,52	53	P4
T2	Merbau decking specimen	Across grain		55,56,56,56,56	56	P5
		Along grain		58,57,57,57,57	57	P5

END OF REPORT

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