

Title	Prepare for, and apply build coats and finish coats for marine exterior paint surfaces		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: carry out preparation, prepare the previous coat, and apply build coats and finish coats for marine exterior paint surfaces.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

- 1 All work practices must meet recognised codes of practice and workplace policies and procedures (where these exceed code) for personal, product, and workplace health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015 and Resource Management Act 1991, and any subsequent amendments.
- 2 Definitions
Job specifications refer to the standard requirements of the job being undertaken.
Workplace policies and procedures refer to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety policies to manage risk in the workplace.
- 3 Range
Substrates may include – wood, fibre-reinforced composites, aluminium, steel; evidence of two substrates is required.

Outcomes and performance criteria

Outcome 1

Carry out preparation for marine exterior paint surfaces.

Performance criteria

- 1.1 Job specifications are obtained and verified in accordance with workplace policies and procedures.

Range	specifications – paint types, colours, combination and number of coats, drying times, standard of finish, standard of sanding profiles.
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1.2 Protection is provided for existing equipment, fittings, furnishings, and surfaces in accordance with job specifications.

Range protection in situ, protection by removal and safe storage, electrical protection.

1.3 Work schedule for coating system is planned in accordance with job specifications and workplace policies and procedures.

Range plan – work sequence and timing of activities.

Outcome 2

Prepare the previous coat for marine exterior paint surfaces.

Performance criteria

2.1 Previous coats are post-cured in accordance with job specifications and workplace policies and procedures.

2.2 Sanding between coats is carried out in accordance with job specifications.

2.3 Substrates are checked, and actions are taken if required to ensure the work area is kept free of possible surface contaminants.

Range actions may include – tenting, washing, solvent wiping, tack ragging.

Outcome 3

Apply build coats and finish coats for marine exterior paint surfaces.

Performance criteria

3.1 Coatings are applied in accordance with manufacturer’s specifications for method of application, thinning, re-coat windows, and use of additives.

3.2 Number of coatings required are applied in accordance with job specifications and workplace policies and procedures.

3.3 Coated surfaces are checked in terms of standard of finish and level of gloss to ensure job specifications are met.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1997	31 December 2023
Revision	2	9 October 1998	31 December 2023
Revision	3	20 March 2001	31 December 2023
Revision	4	16 April 2004	31 December 2023
Rollover and Revision	5	20 March 2009	31 December 2023
Revision	6	21 August 2009	31 December 2023
Rollover and Revision	7	26 July 2018	31 December 2023
Review	8	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference

0136

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the NZ Marine and Composites ITO training@nzmarine.com if you wish to suggest changes to the content of this unit standard.