

<b>Title</b>	<b>Touch up and restore gelcoat</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to touch up, and restore, gelcoat.
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<b>Classification</b>	Composites > Production Composites
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<b>Available grade</b>	Achieved
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### Guidance information

- 1 Definitions  
*Job specifications* refers to the standard requirements of the job being undertaken.  
*Workplace policies and procedures* refers 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.
- 2 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.
- 3 Restoration and repair may be on new or aged components. Gelcoat repairs are often necessary on new components as a result of mould sticking or damage during construction. Used component gelcoat may need to be restored if faded or weathered, or repaired and restored if damaged as a result of collision or abrasion.

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### Outcomes and performance criteria

#### Outcome 1

Touch up gelcoat.

#### Performance criteria

- 1.1 Minor defects or blemishes are identified in accordance with job specifications.
- 1.2 Defects are prepared for touch-up in accordance with job specifications.

Range          masked, ground out, sanded, cleaned.

1.3 Correct gelcoat is selected and mixed in accordance with job specifications.

Range same colour as moulding, waxed, correct catalyst ratio.

1.4 Touch-up is completed and finished in accordance with job specifications.

## Outcome 2

Restore gelcoat.

### Performance criteria

2.1 Condition of gelcoat is checked and identified in accordance with job specifications.

Range oxidised, yellowing, chalking, star cracks, pinhole, alligators, fading, chipping.

2.2 Suitable restoration method is determined in accordance with job specifications.

2.3 Restoration is carried out in accordance with job specifications.

<b>Planned review date</b>	31 December 2023
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 October 2006	31 December 2020
Revision	2	20 August 2010	31 December 2020
Review	3	26 July 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0136
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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 Industry Training Organisation [training@nzmarine.com](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.