

## Quality Report of Yacht Sanding

### Summary of data

- ID 4, Roughness 2.20 - ID 13, Roughness 2.20 - ID 0, Roughness 2.27 - ID 10, Roughness 2.26 - ID 5, Roughness 2.39 - ID 1, Roughness 2.47 - ID 8, Roughness 2.45 - ID 6, Roughness 2.50 The average roughness of all IDs is approximately 2.61, and the standard deviation is approximately 0.29. In the context of yacht painting, roughness is a critical factor. Surfaces with higher roughness can lead to uneven paint application, which may result in a less durable and aesthetically pleasing finish. Paint adhesion is also compromised on rough surfaces, which can cause the paint to chip or peel over time. Therefore, ensuring that surfaces are smooth and have a lower roughness value is essential for achieving a high-quality, long-lasting paint job on a yacht. IDs with `readyToPaint=false` indicate that these surfaces may require additional preparation, such as sanding, to reduce their roughness and make them suitable for painting.

### Appendix


	ID: 0  roughness: 2.27  readyToPaint: false
	ID: 1  roughness: 2.47  readyToPaint: false
	ID: 2  roughness: 2.76  readyToPaint: true

		<p>ID: 3</p> <p>roughness: 2.68</p> <p>readyToPaint: true</p>
		<p>ID: 4</p> <p>roughness: 2.2</p> <p>readyToPaint: false</p>
		<p>ID: 5</p> <p>roughness: 2.39</p> <p>readyToPaint: false</p>
		<p>ID: 6</p> <p>roughness: 2.5</p> <p>readyToPaint: false</p>
		<p>ID: 7</p> <p>roughness: 2.97</p> <p>readyToPaint: true</p>
		<p>ID: 8</p> <p>roughness: 2.45</p> <p>readyToPaint: false</p>

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		<p>ID: 9</p> <p>roughness: 2.63</p> <p>readyToPaint: true</p>
		<p>ID: 10</p> <p>roughness: 2.26</p> <p>readyToPaint: false</p>
		<p>ID: 11</p> <p>roughness: 2.96</p> <p>readyToPaint: true</p>
		<p>ID: 12</p> <p>roughness: 2.98</p> <p>readyToPaint: true</p>
		<p>ID: 13</p> <p>roughness: 2.2</p> <p>readyToPaint: false</p>
		<p>ID: 14</p> <p>roughness: 2.83</p> <p>readyToPaint: true</p>

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		<p>ID: 15</p> <p>roughness: 2.86</p> <p>readyToPaint: true</p>

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