

Quality Report of Yacht Sanding

Summary of Data

Today's Quality Inspection Report - 2025-01-21

Introduction:

Today's quality inspection in the yacht manufacturing process focused on the critical aspect of surface roughness for paint adhesion. The inspection aimed to ensure that all parts meet the necessary standards to guarantee a durable and aesthetically pleasing finish.

Inspection Summary:

A total of 231 parts were inspected, with 98 parts meeting the required roughness standards, resulting in a success rate of 42.24%. This success rate indicates that nearly half of the parts inspected are ready for the painting process without the need for rework.

Relevance of Roughness:

Surface roughness plays a vital role in the yacht painting process. It is essential for ensuring that the paint adheres properly to the surface, preventing issues such as chipping, peeling, and poor durability. The minimum roughness requirement of 2.5 micrometers is crucial for achieving optimal paint adhesion.

Inspection Findings:

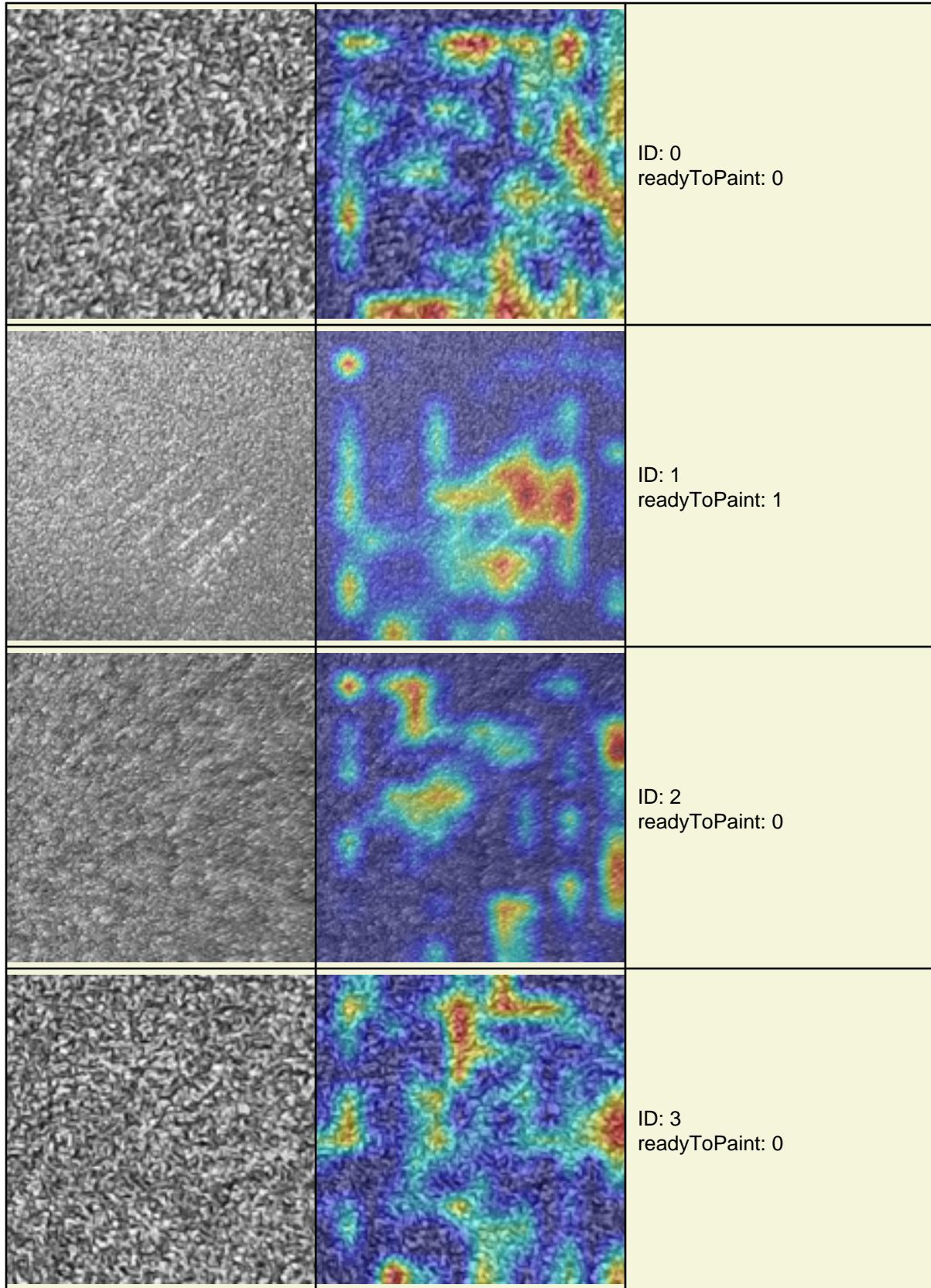
- 98 parts out of 231 met the roughness standard of at least 2.5 micrometers.
- 133 parts did not meet the required roughness standard and will require rework to ensure proper paint adhesion.

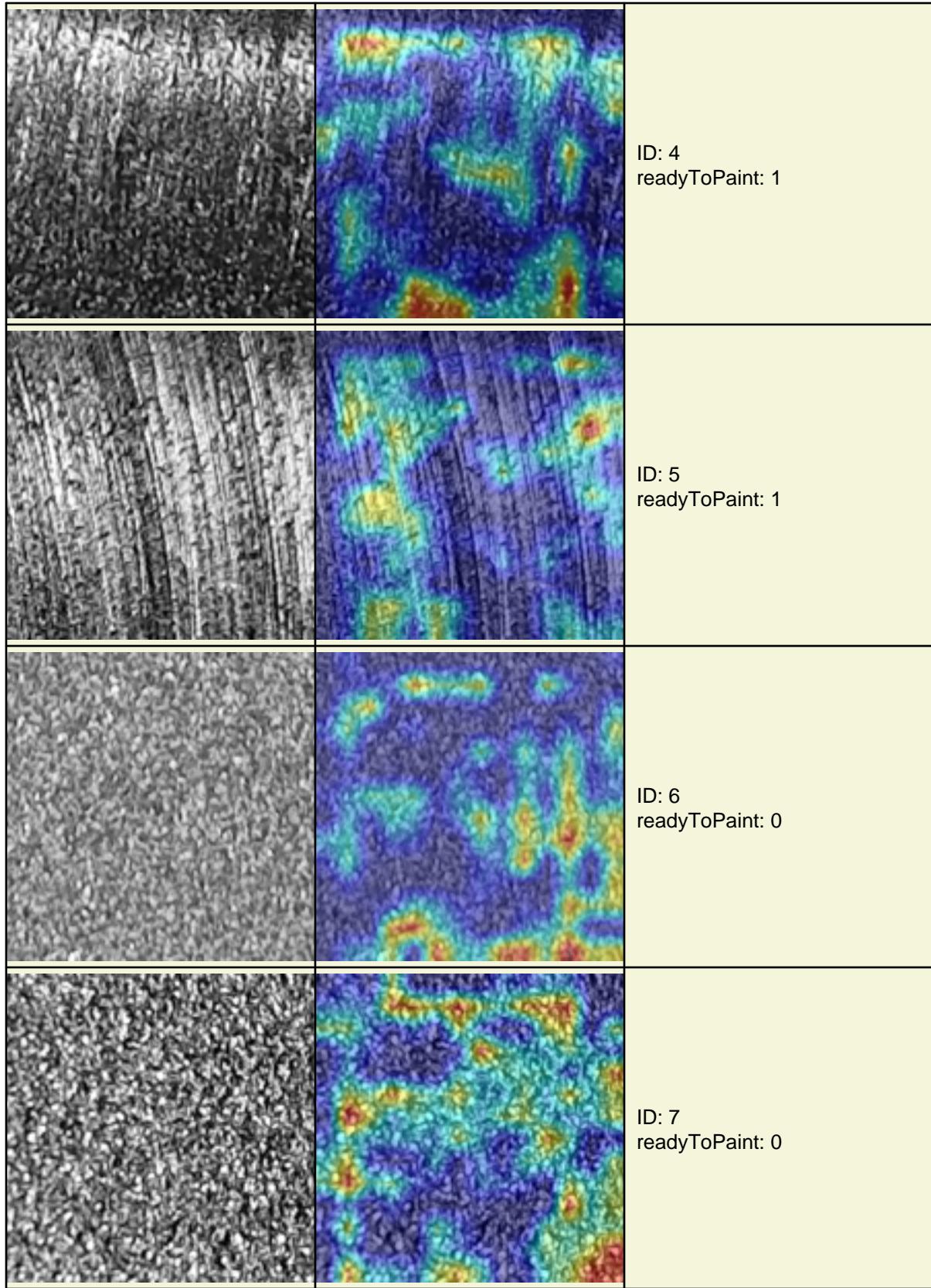
Conclusion:

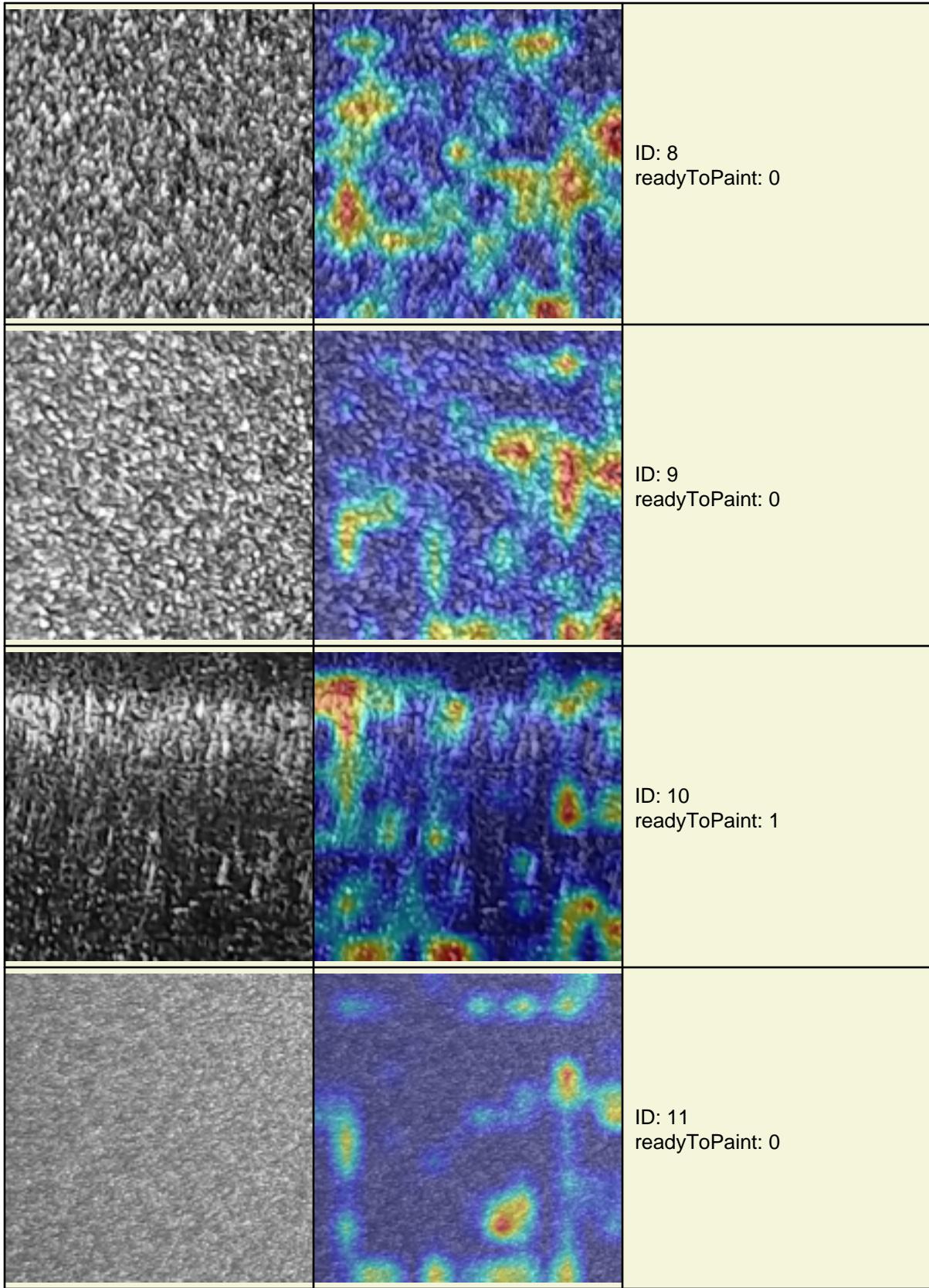
The inspection results highlight the importance of maintaining the correct surface roughness for paint adhesion in yacht manufacturing. While the success rate is 42.24%, there is room for improvement to ensure that all parts meet the necessary standards. Continued focus on surface preparation techniques and adherence to quality control protocols will be essential to enhance the success rate and maintain the high standards expected in yacht manufacturing.

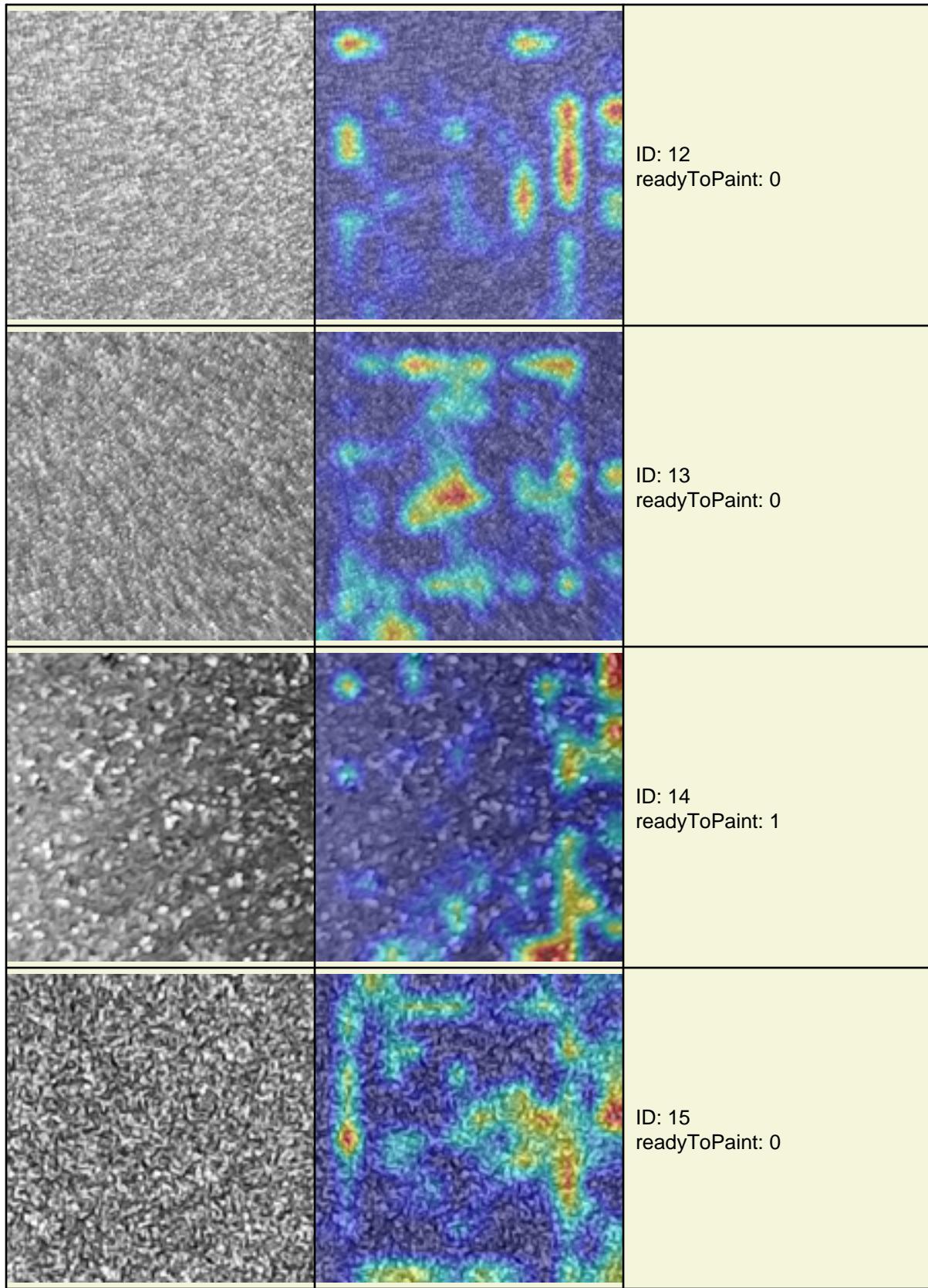
Appendix

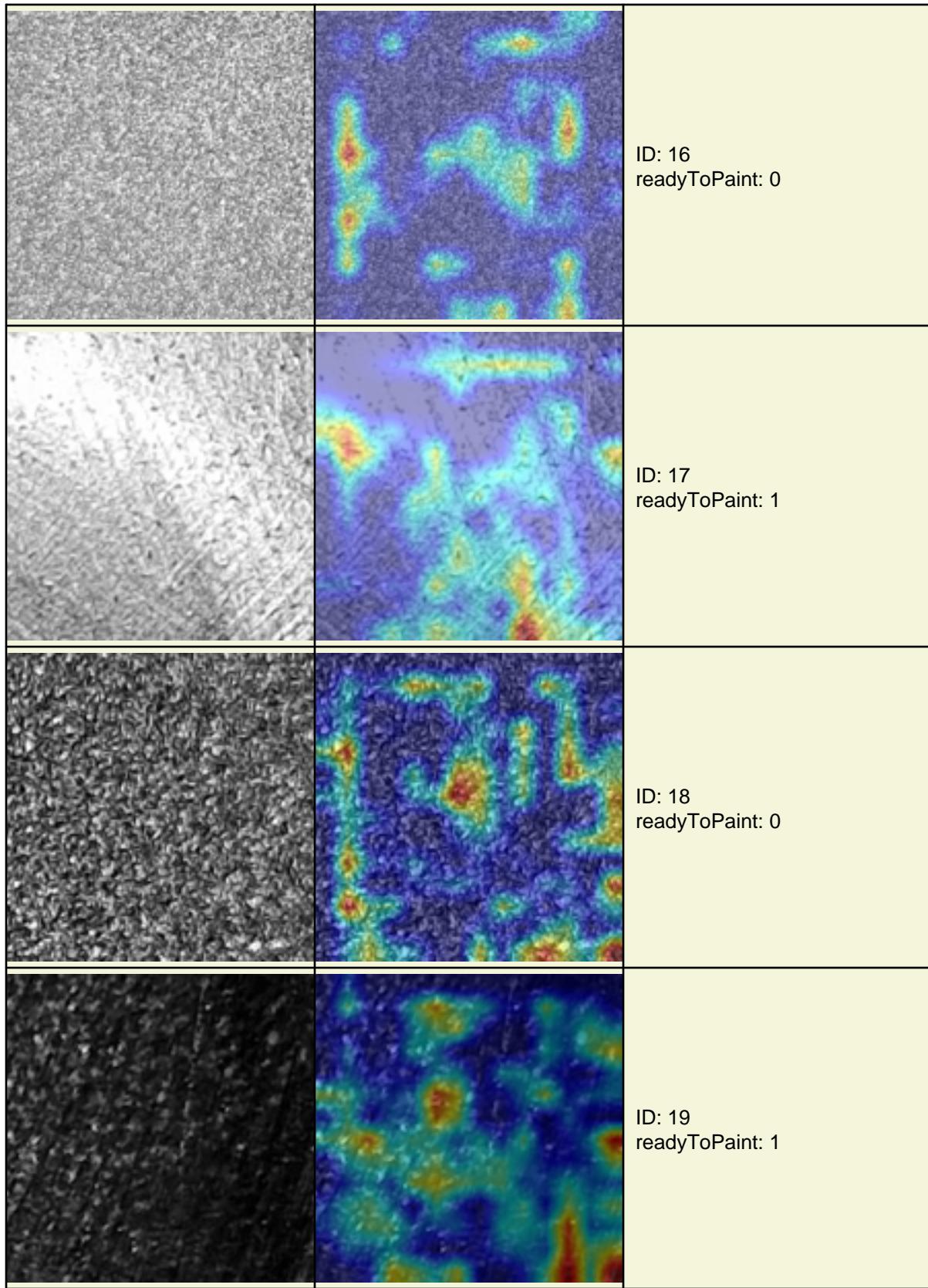
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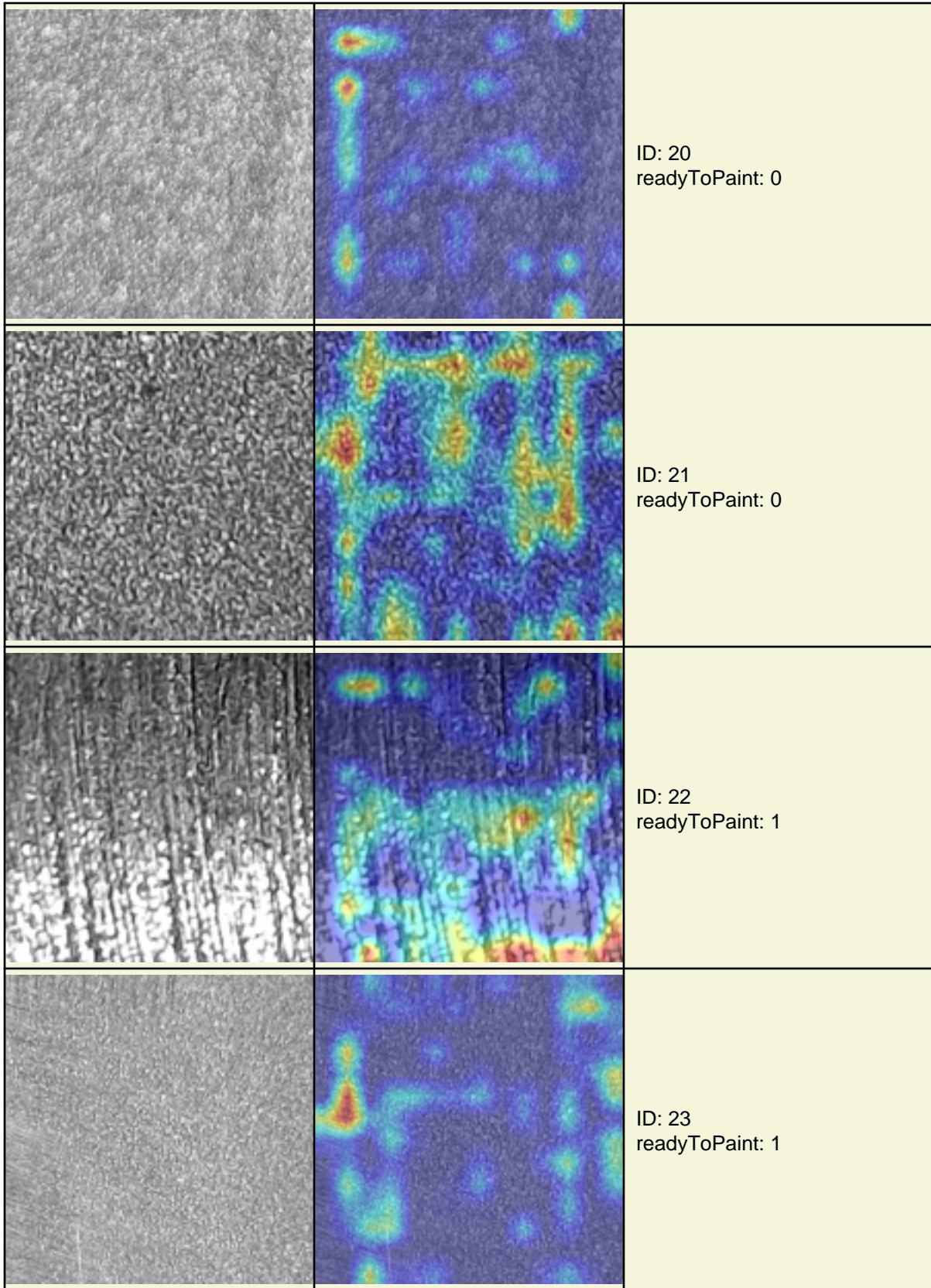


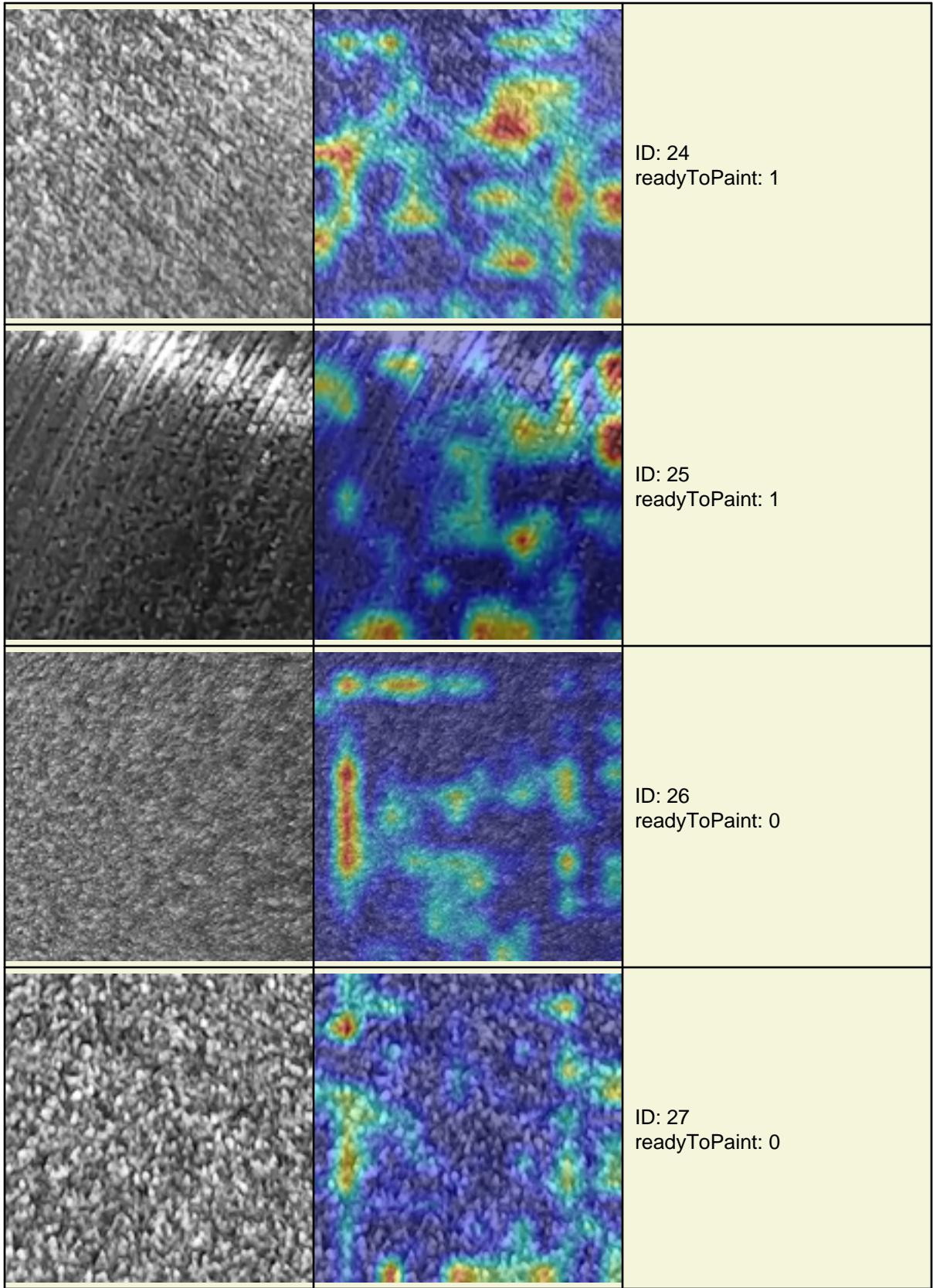


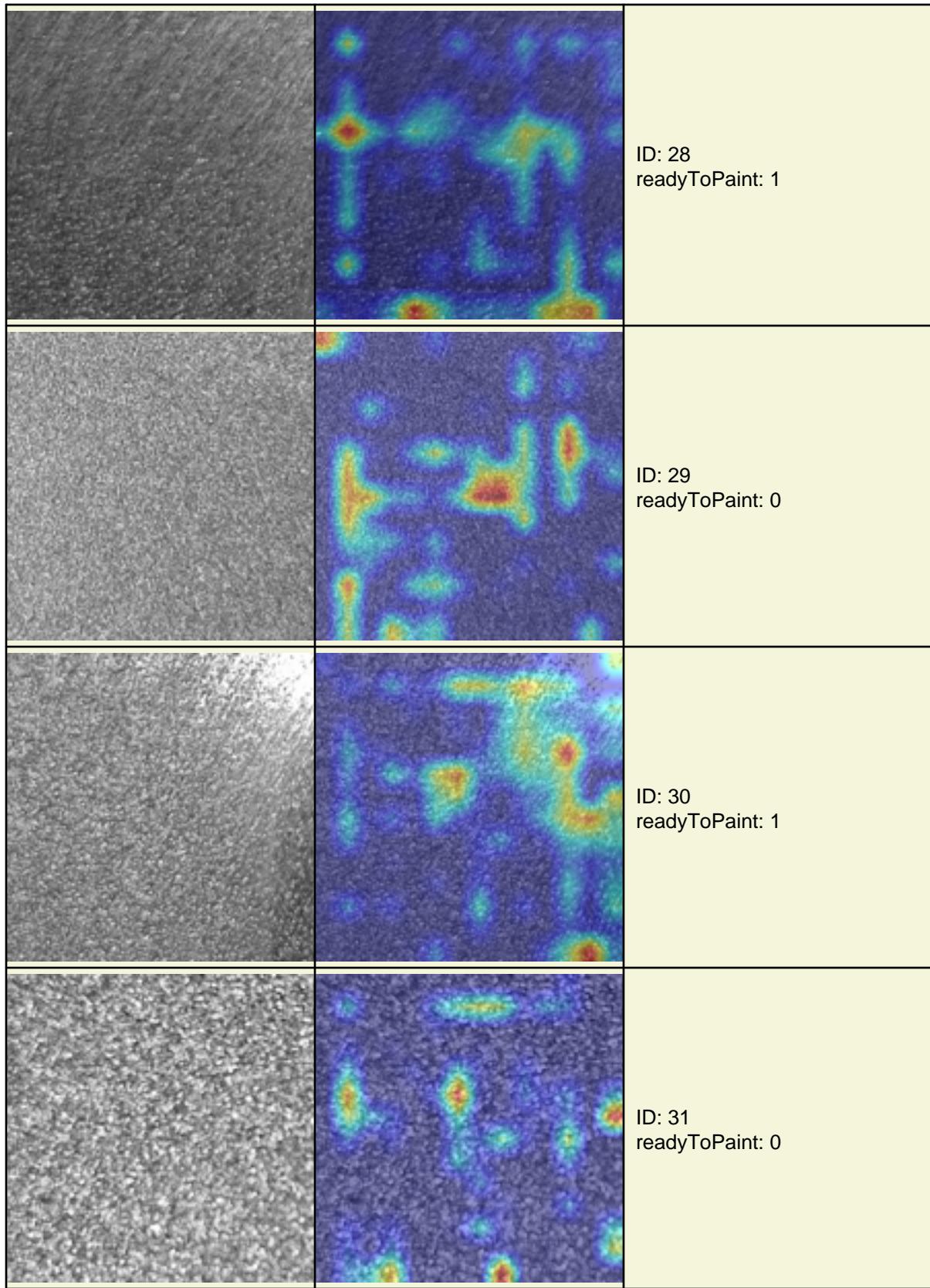


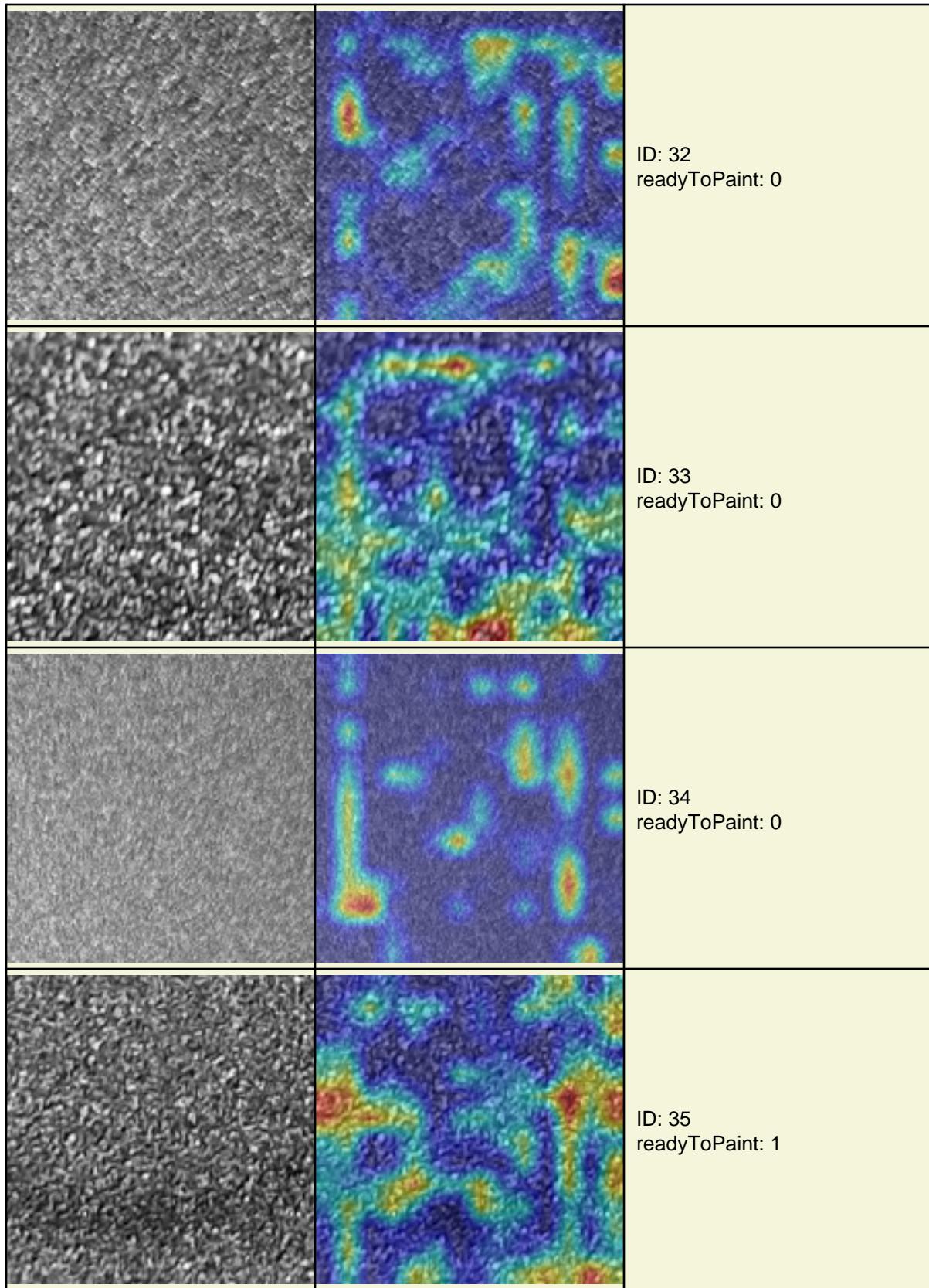


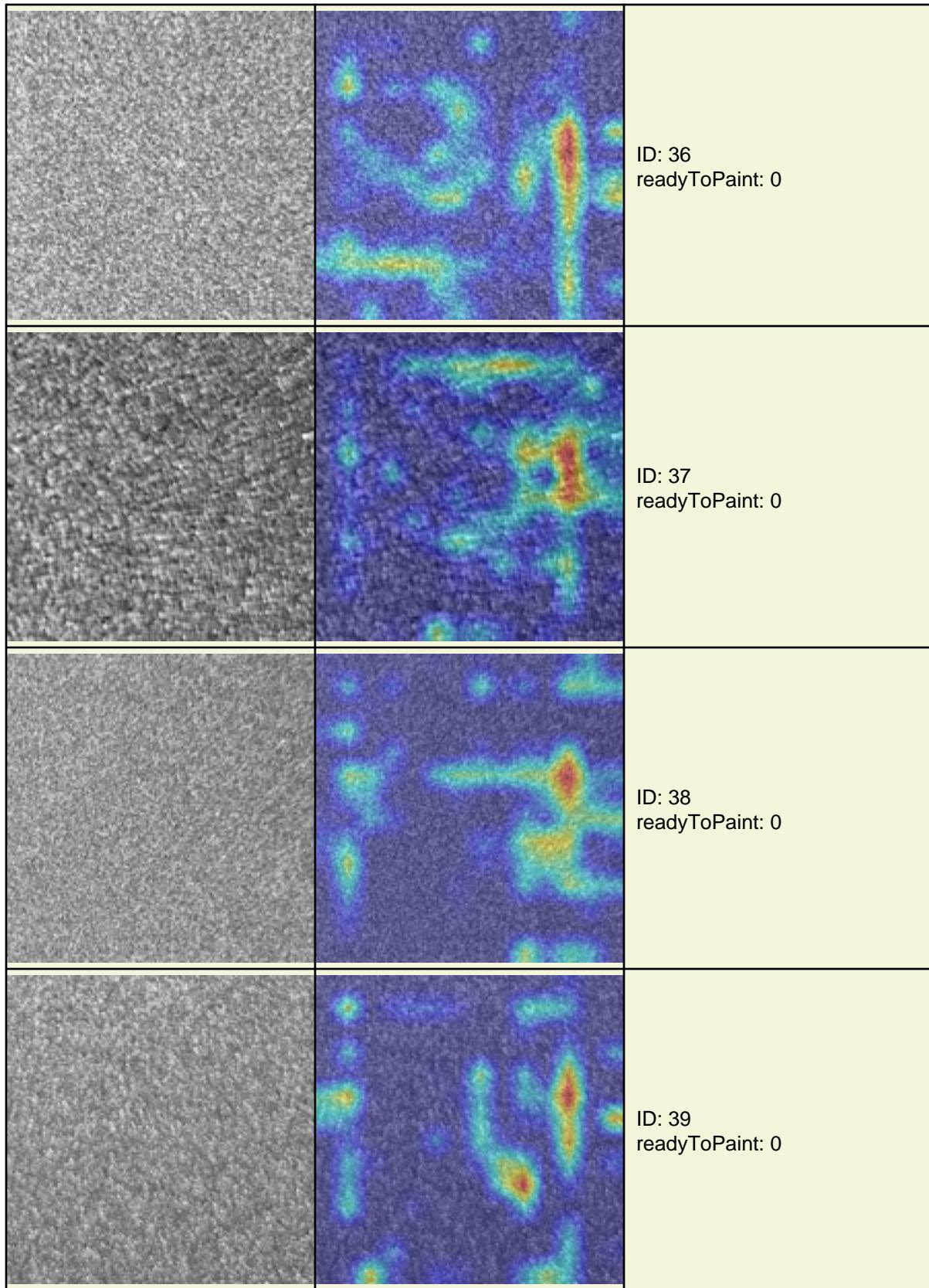


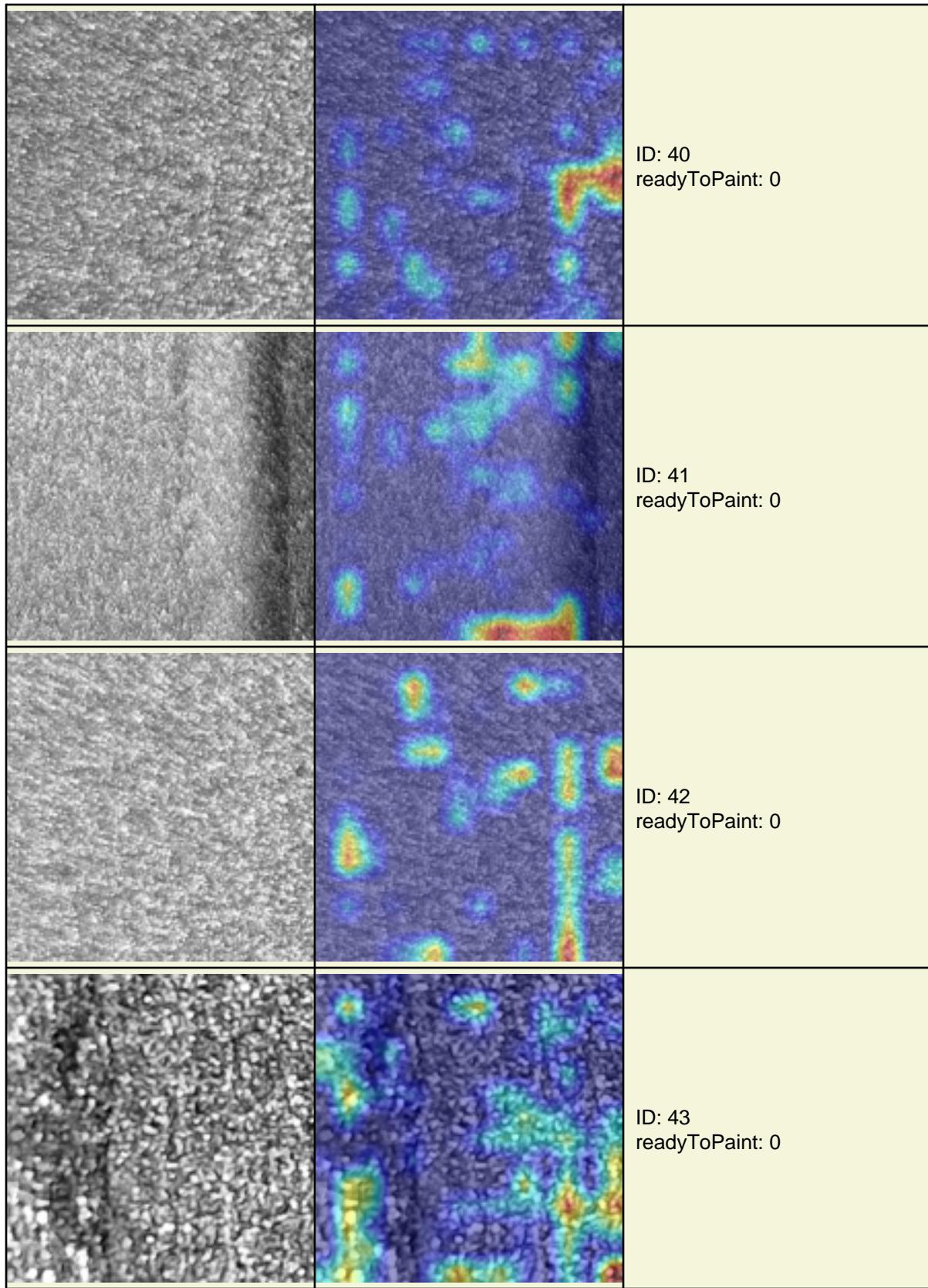


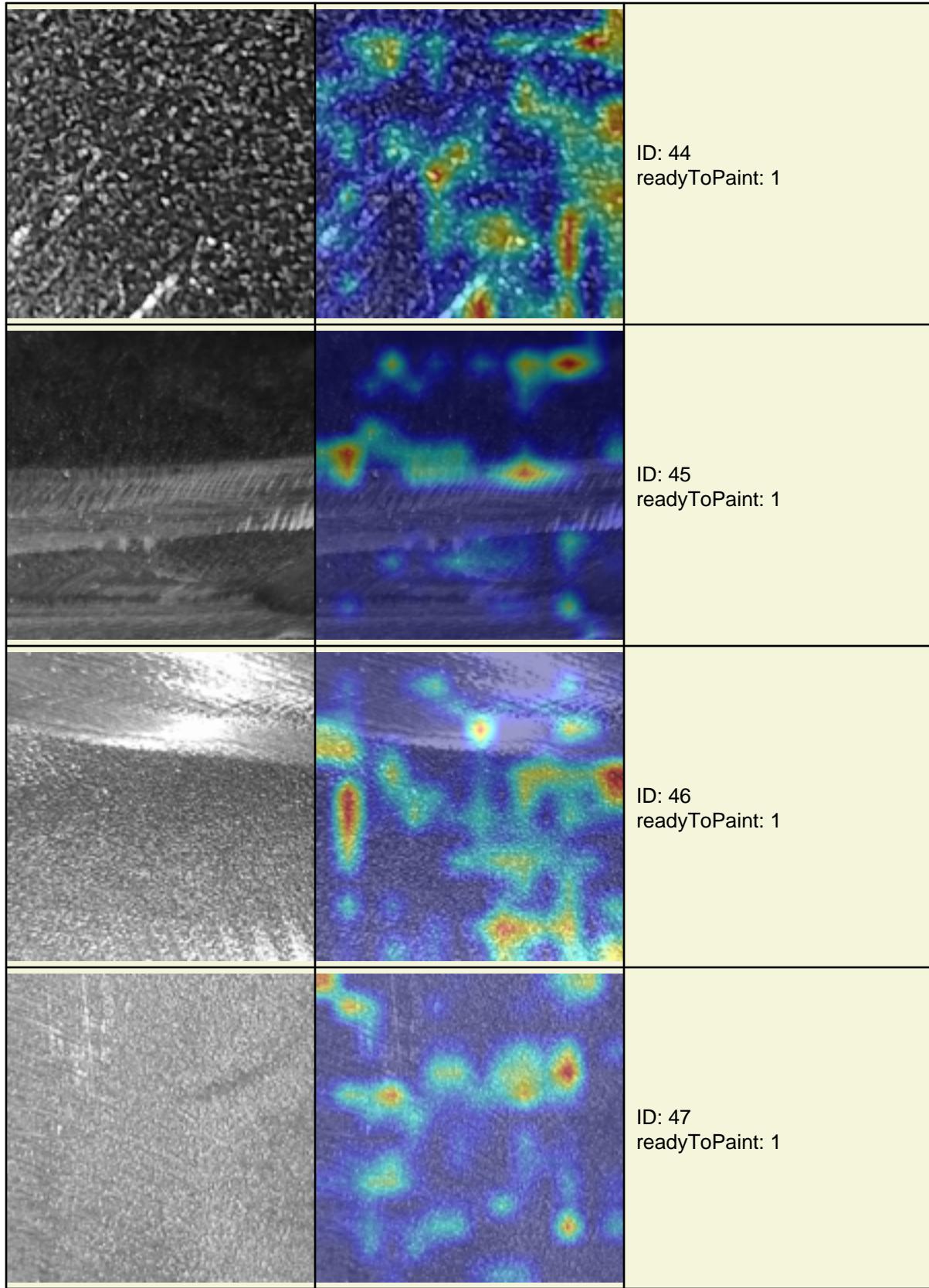


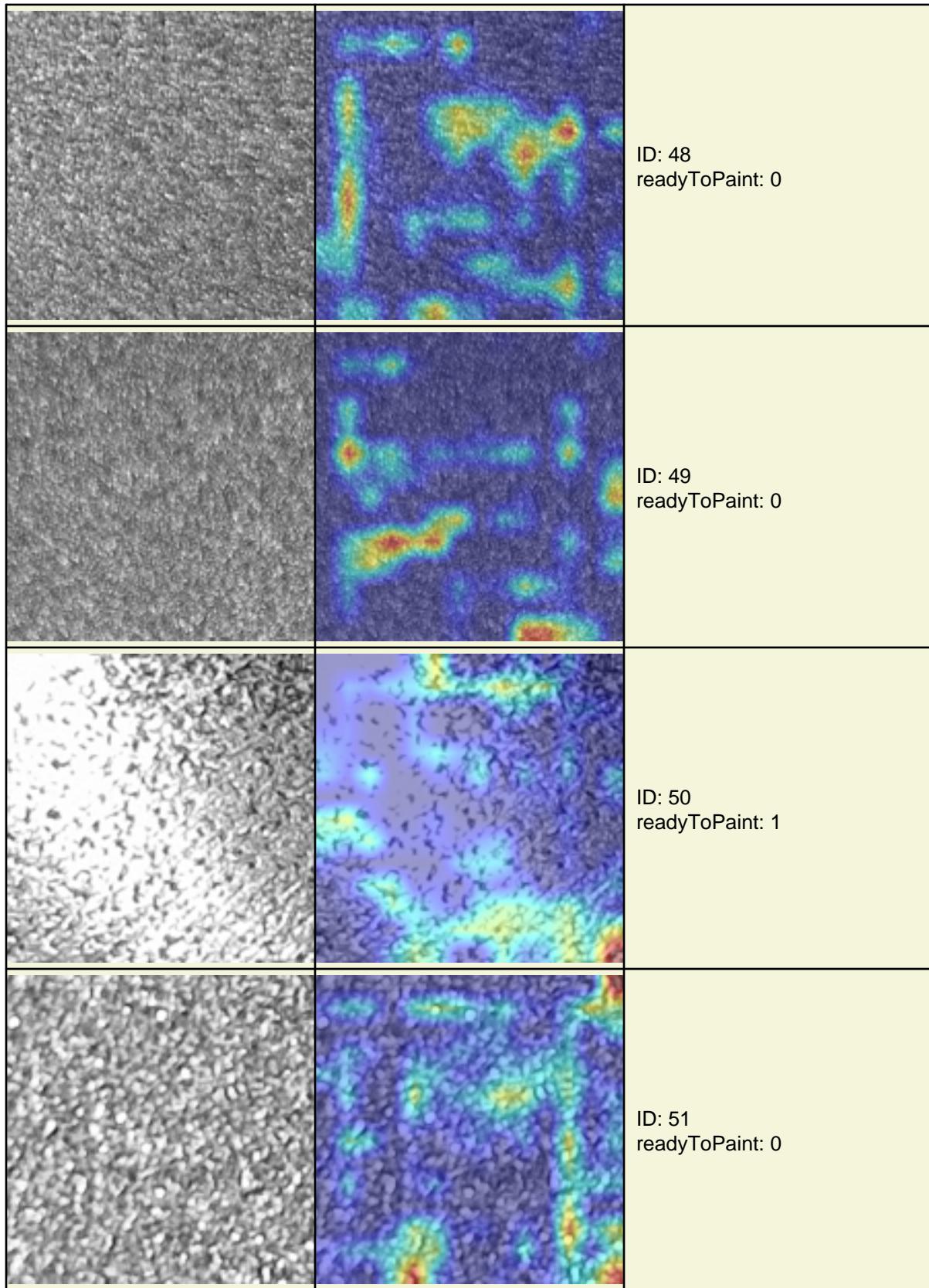


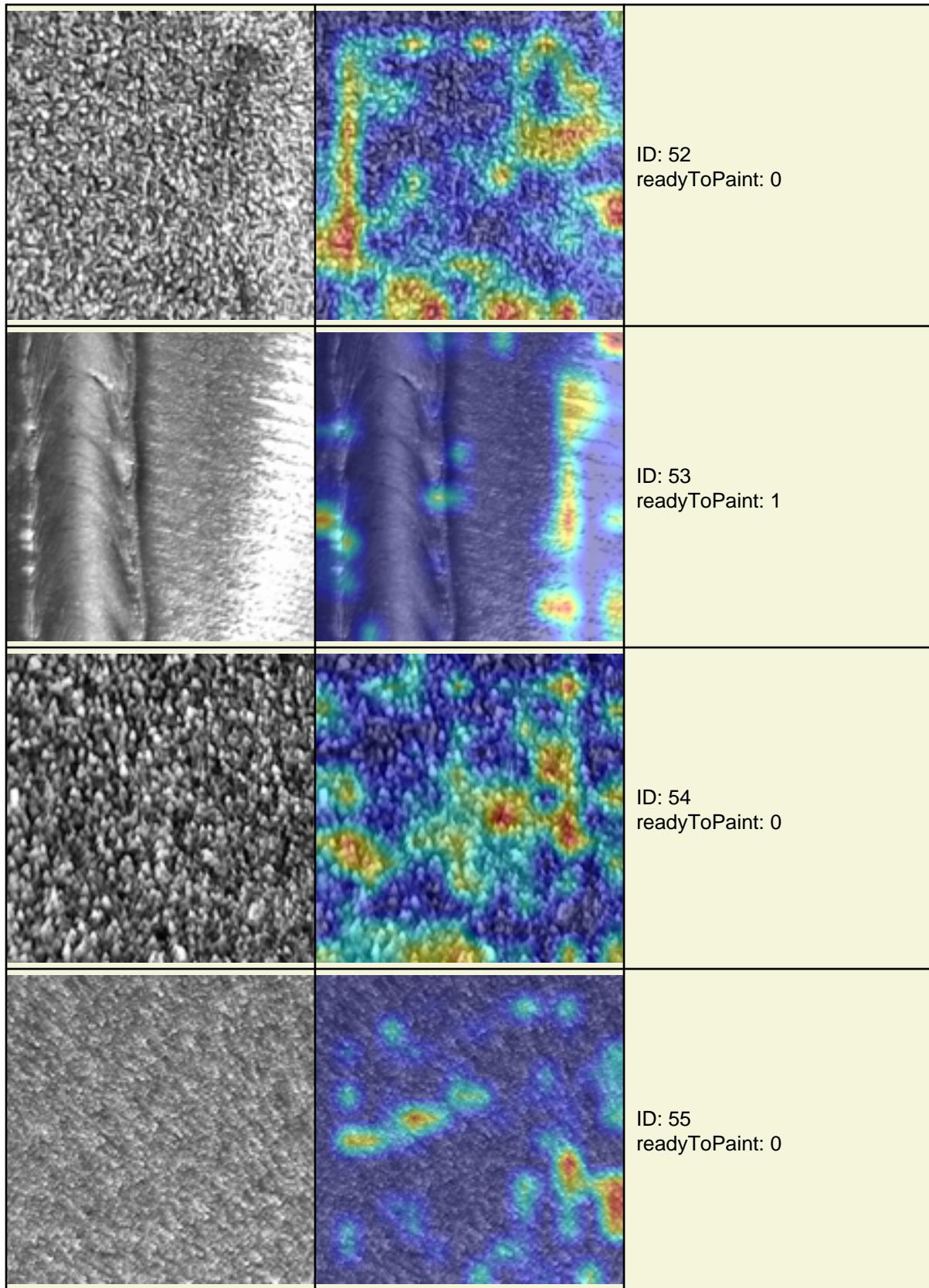


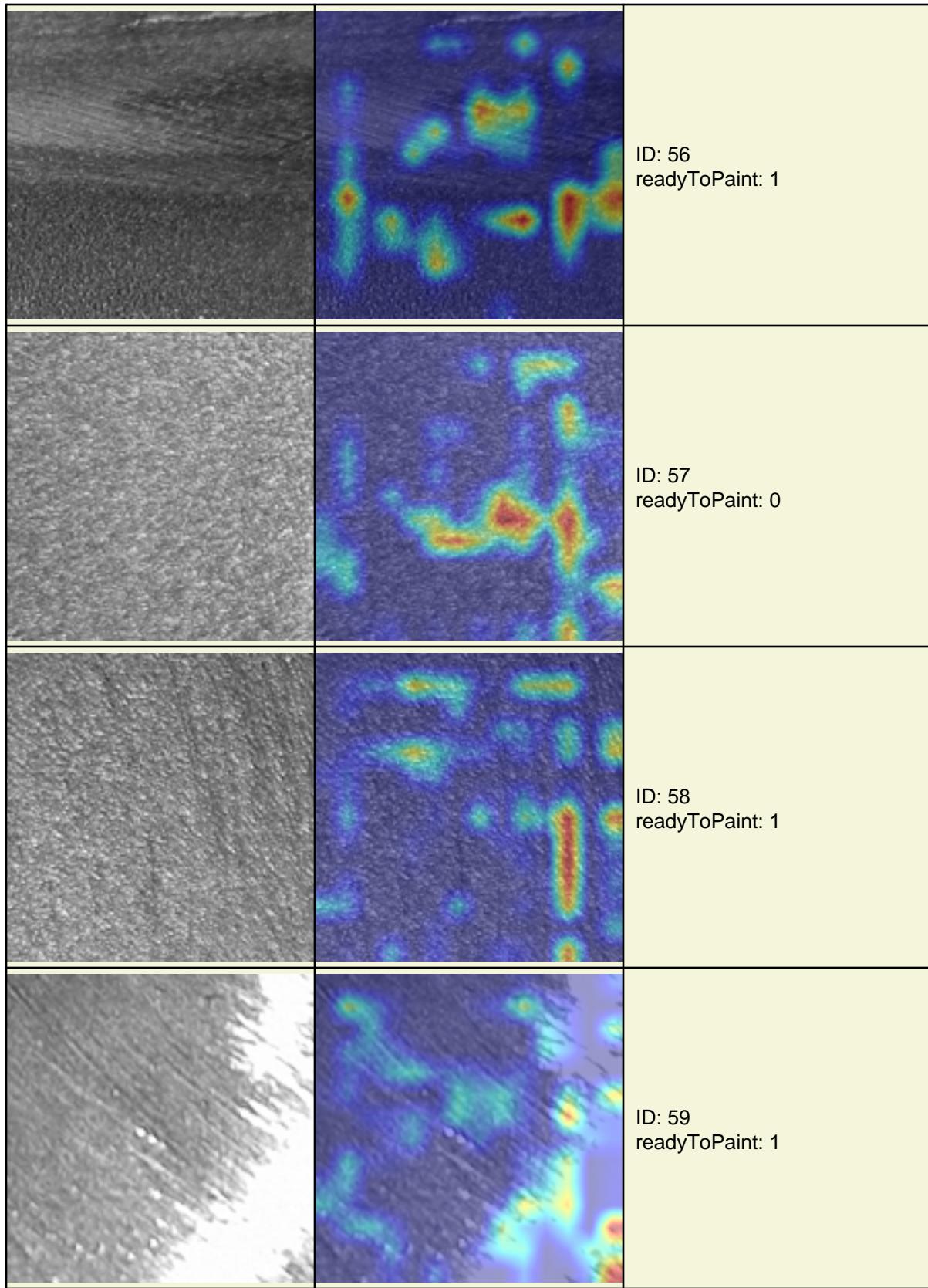


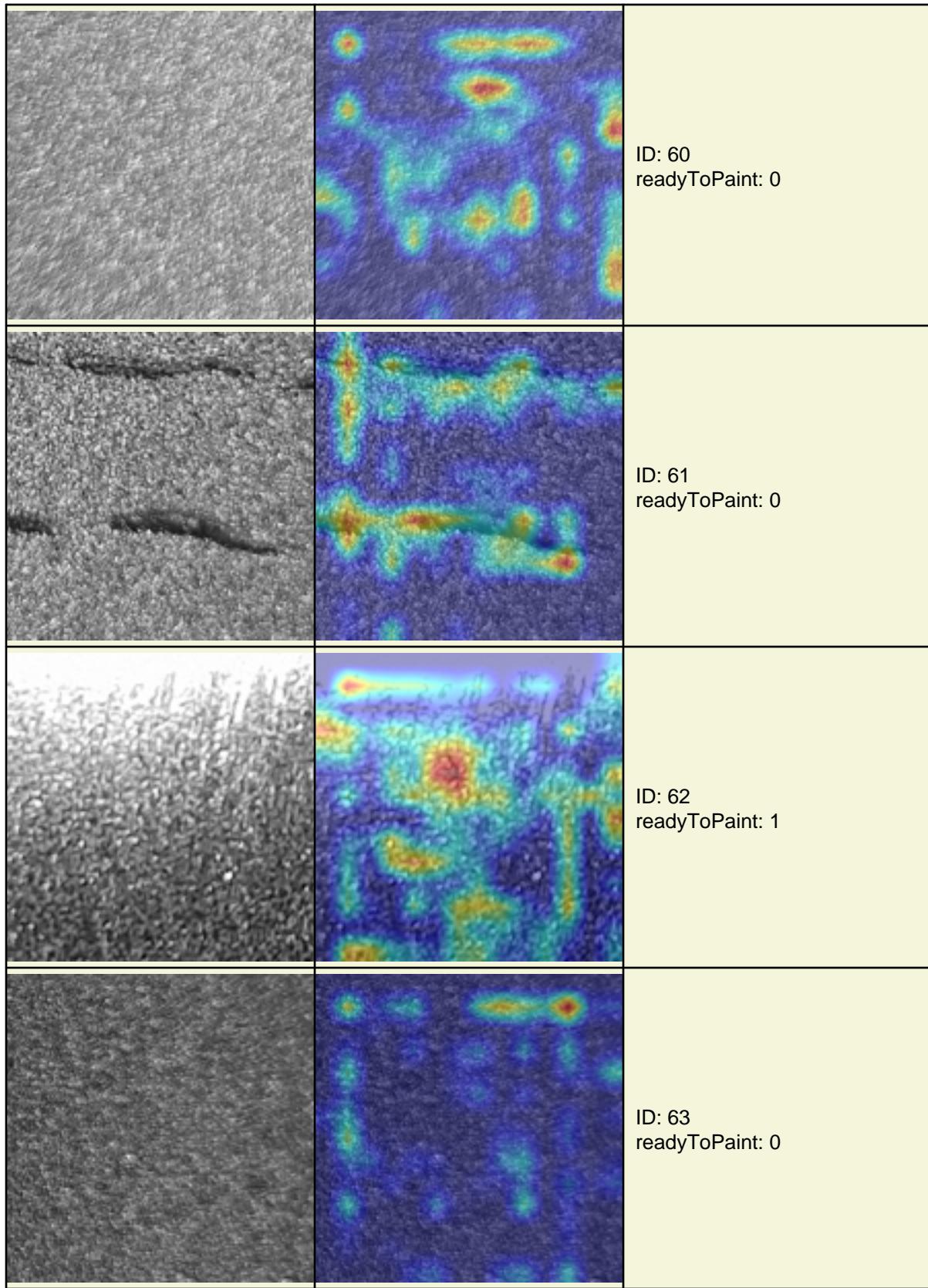


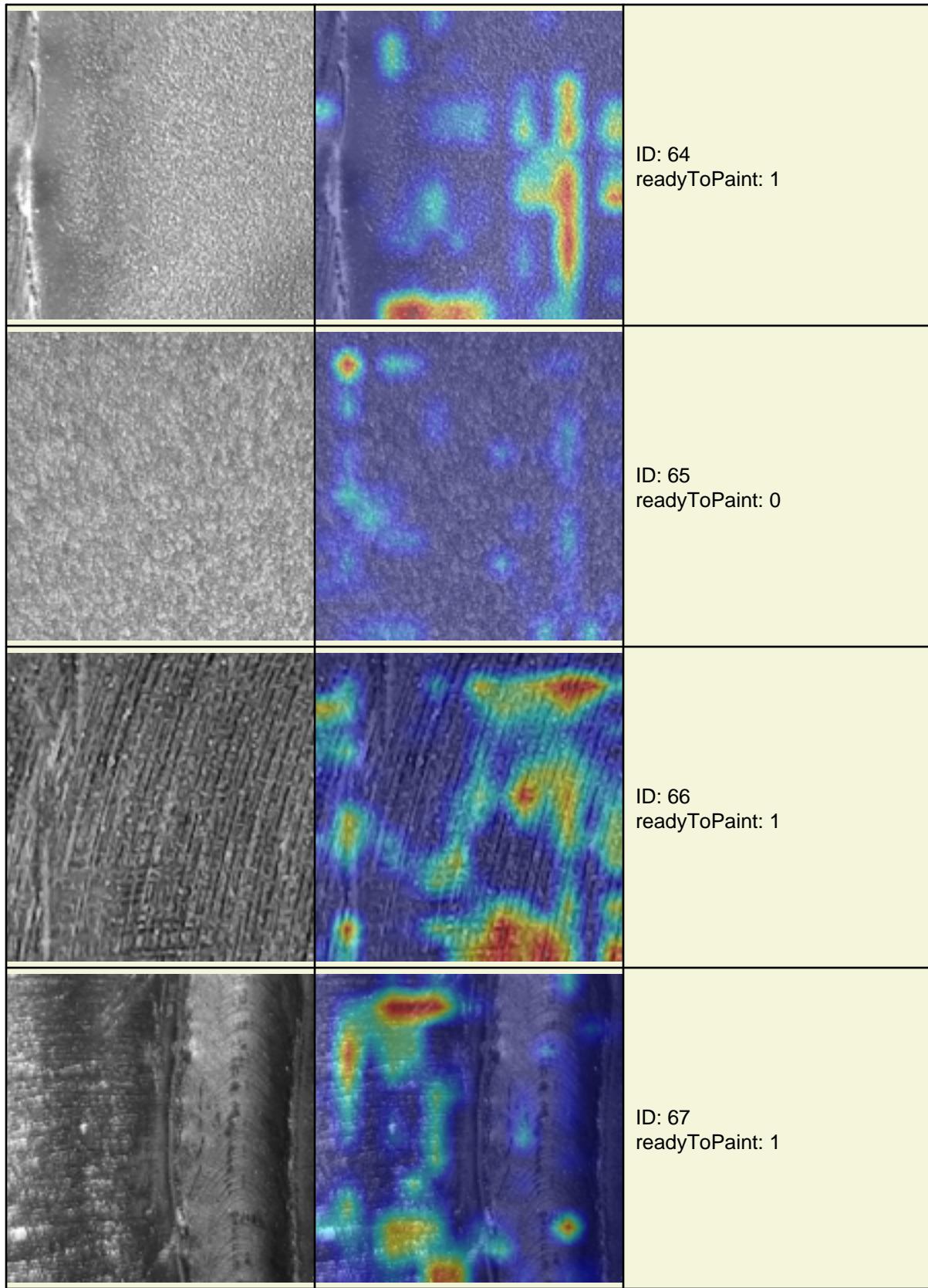


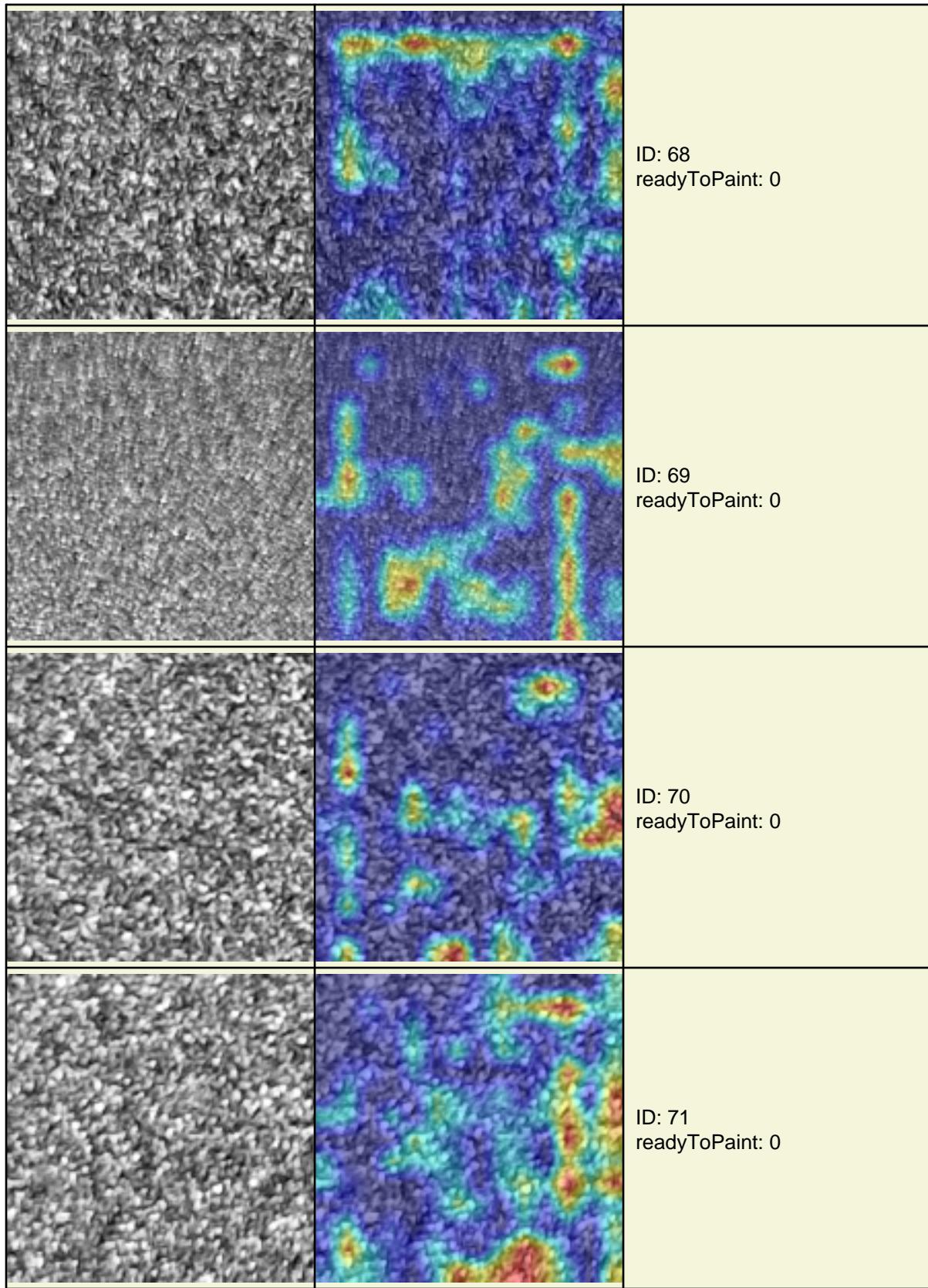


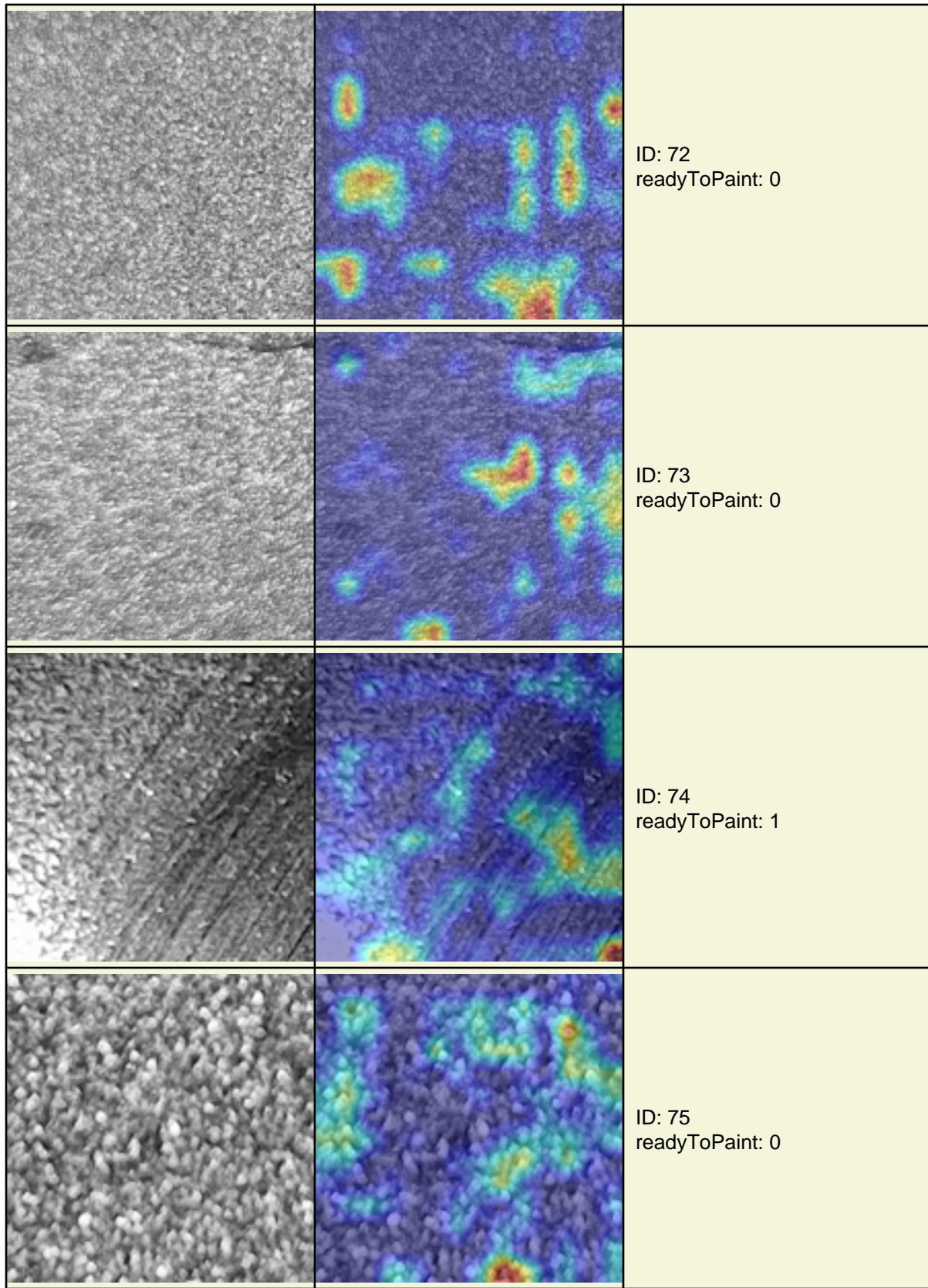


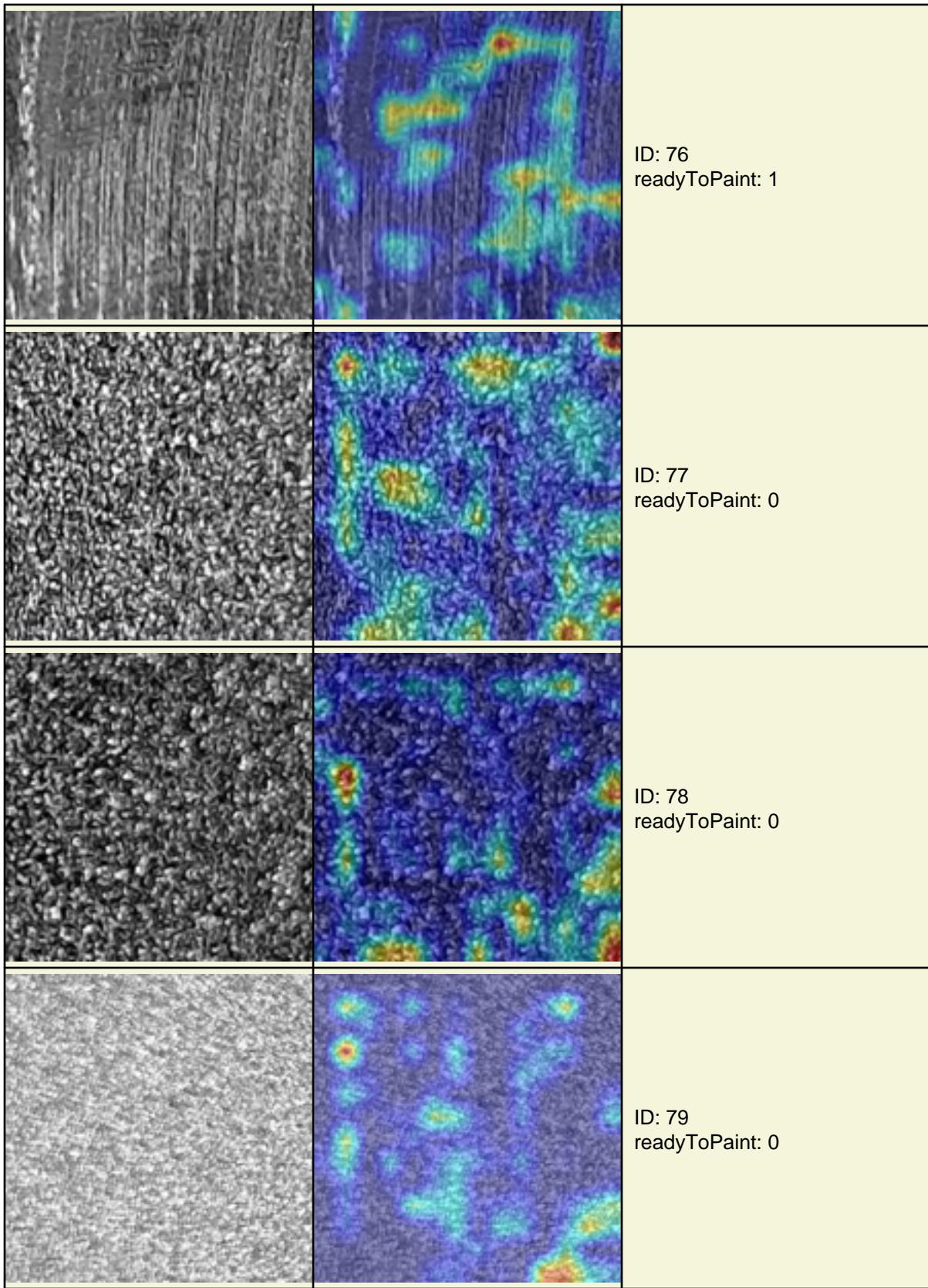


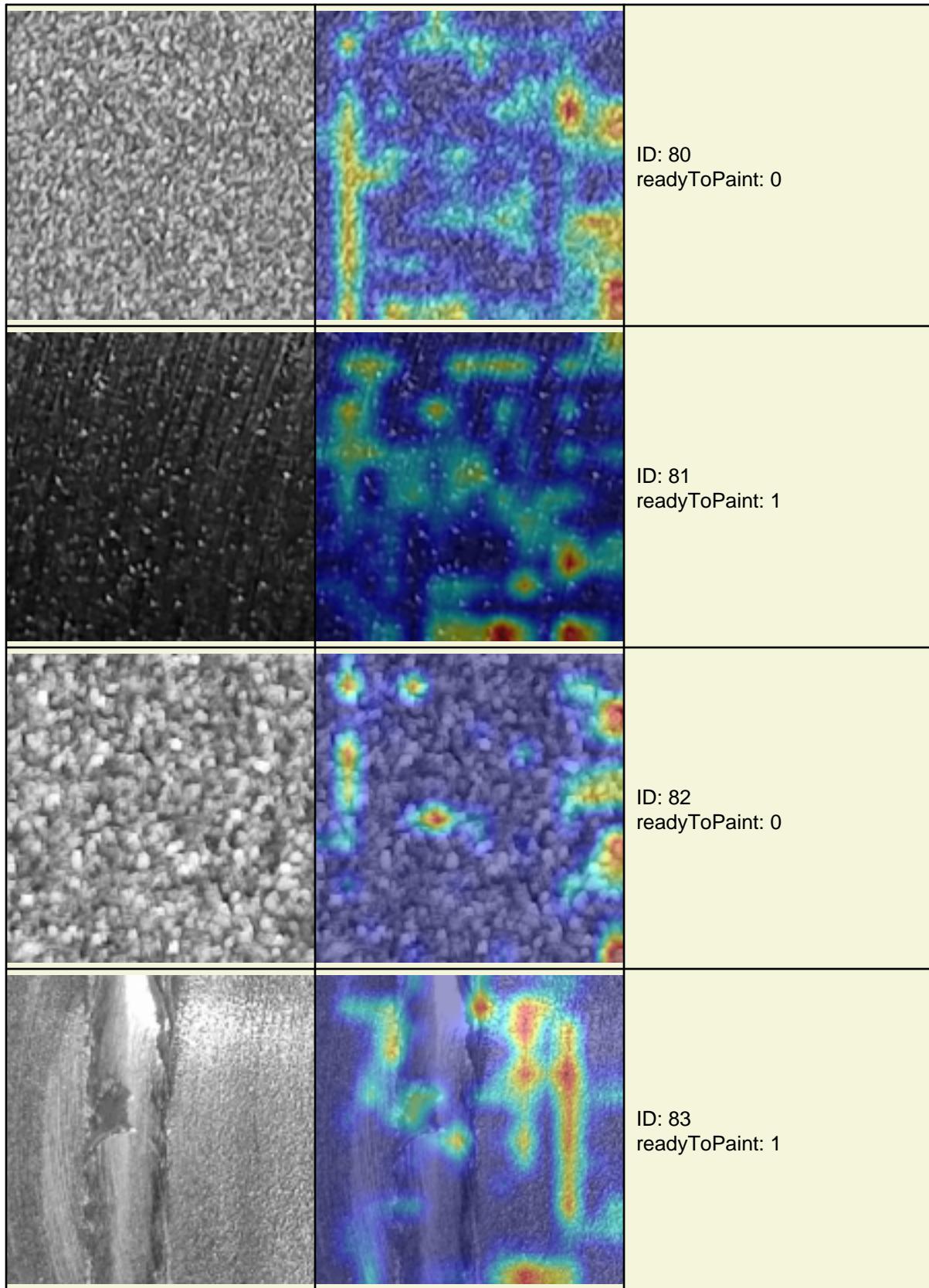


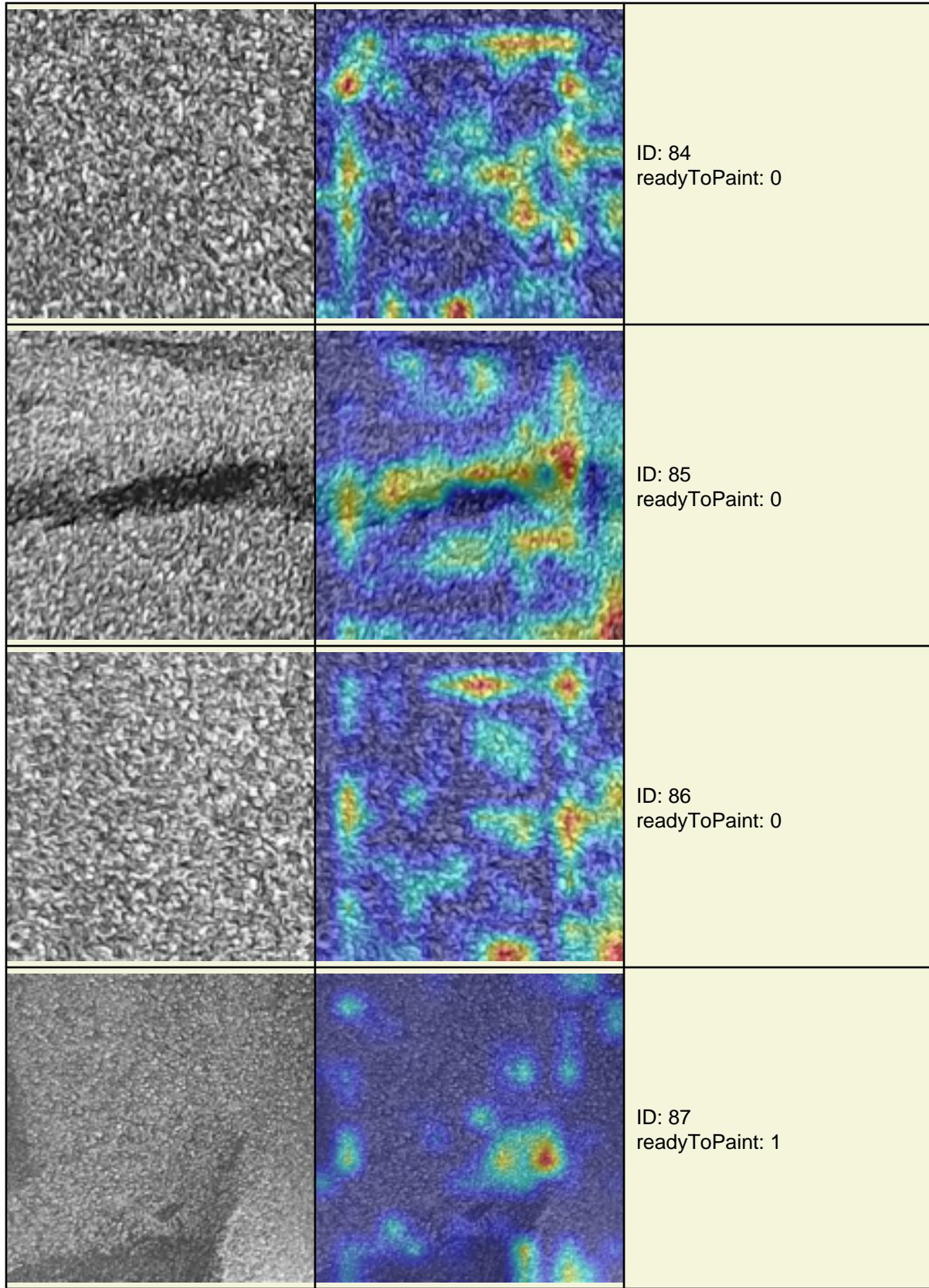


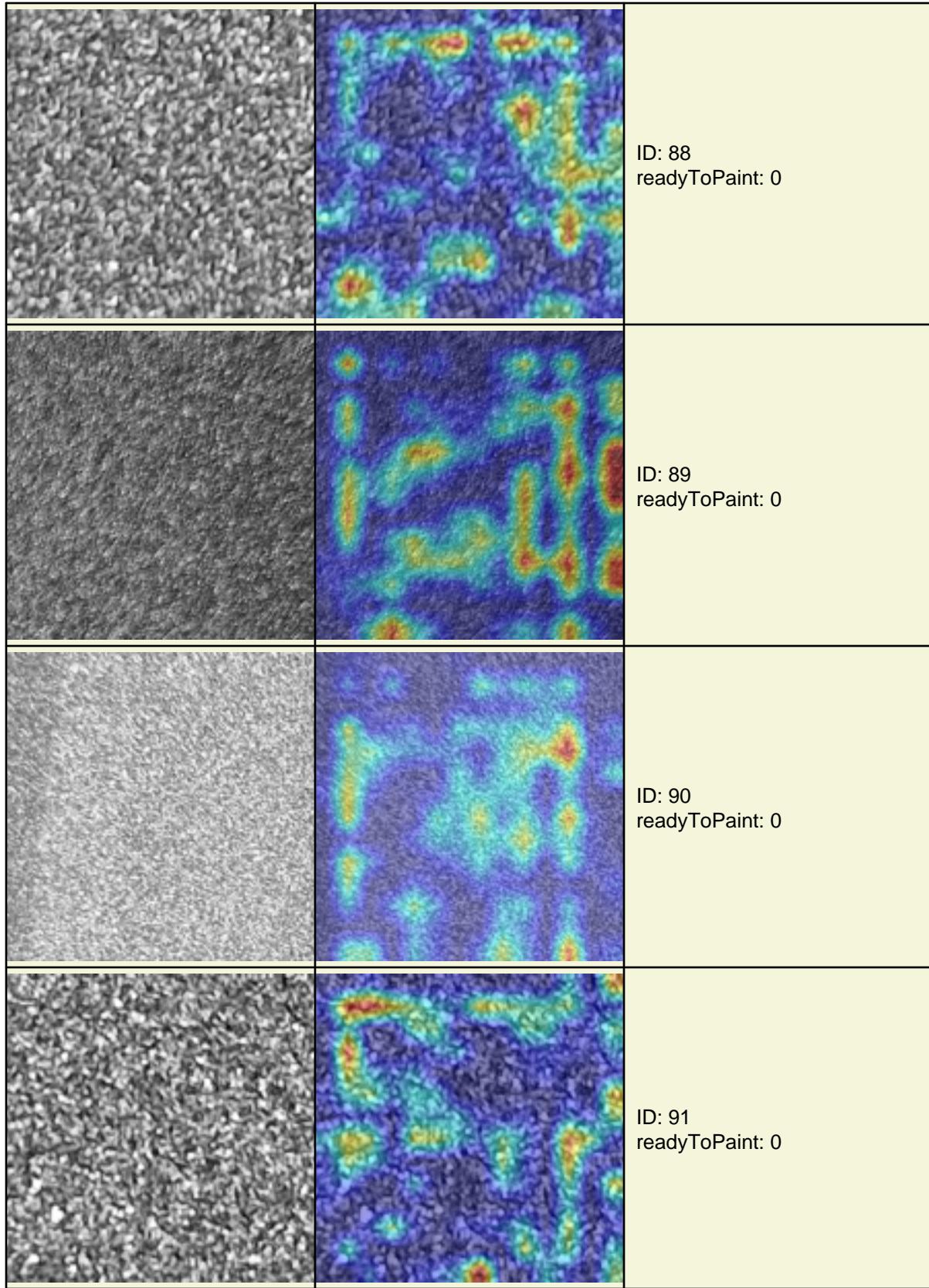


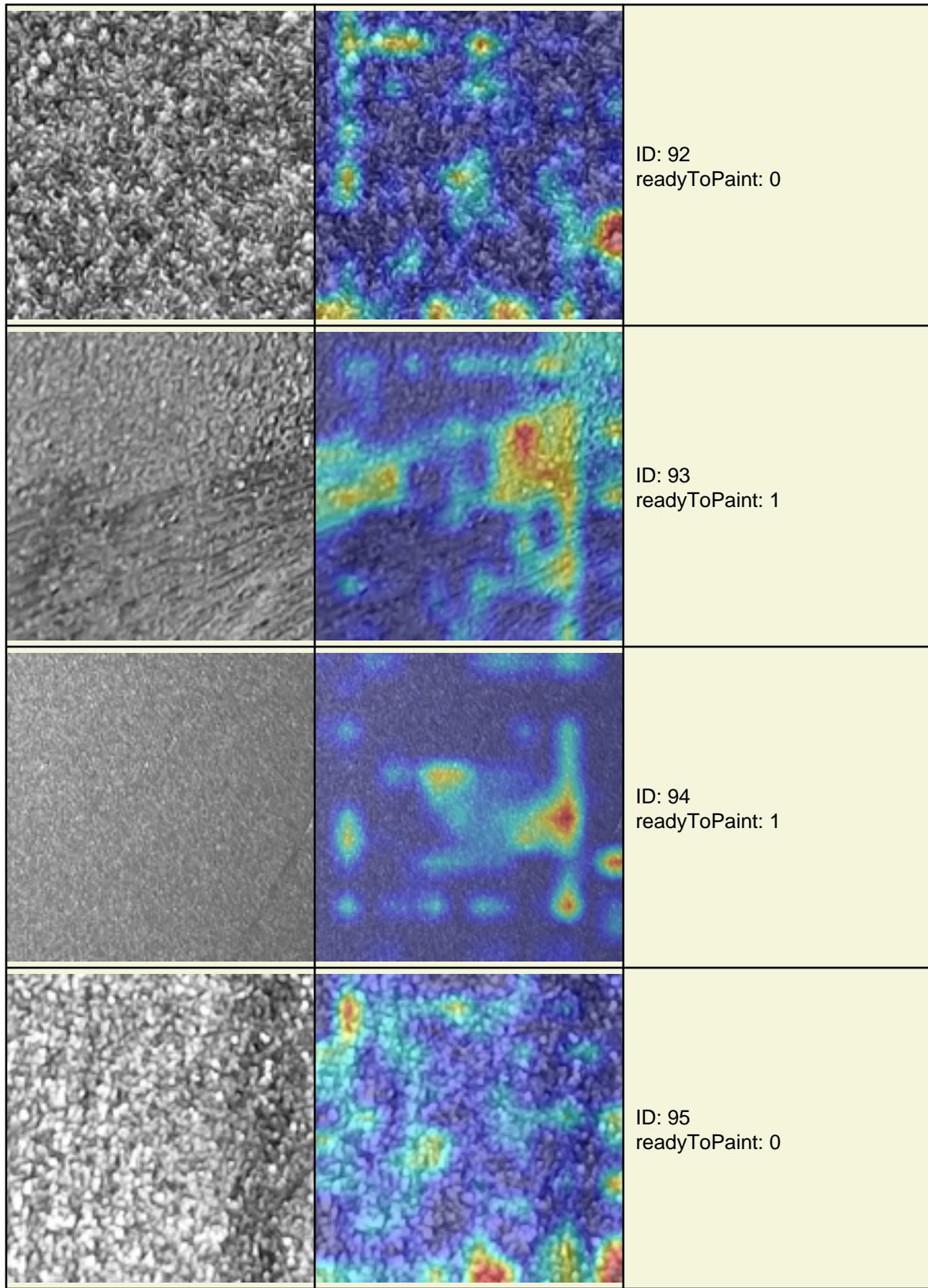


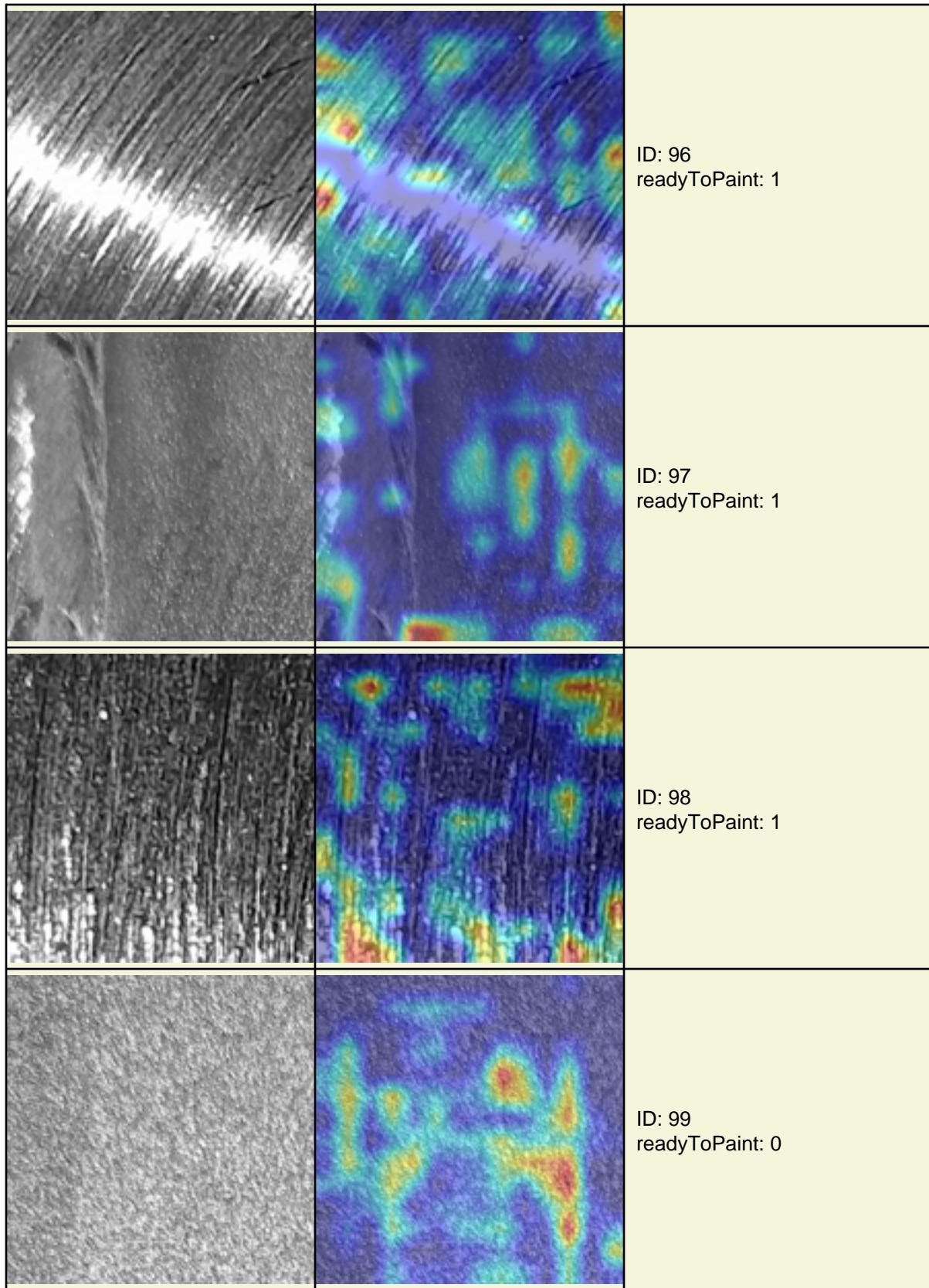


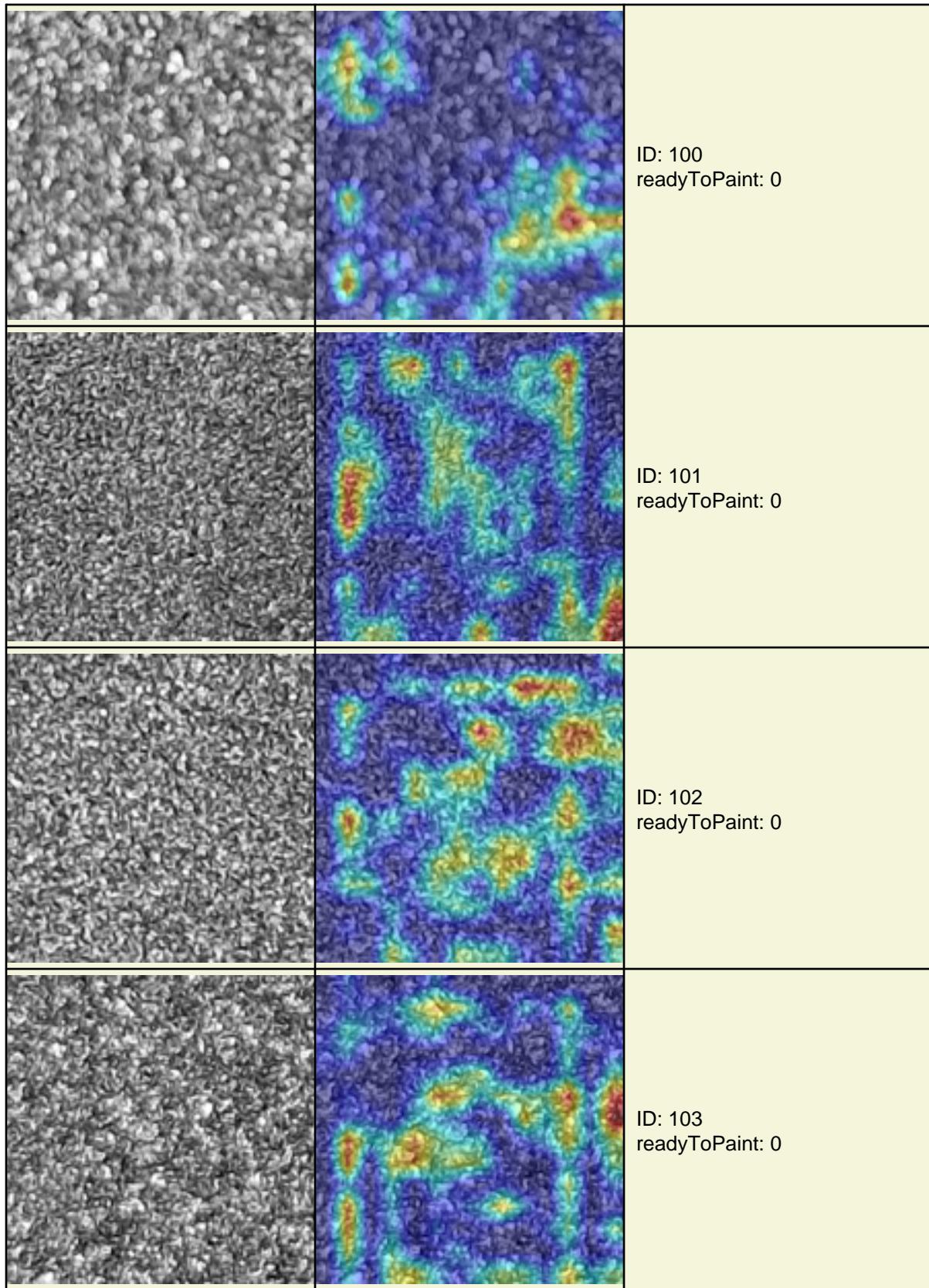


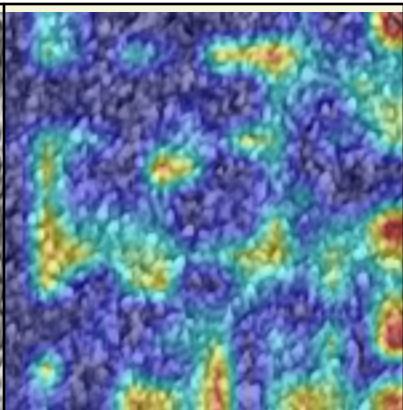
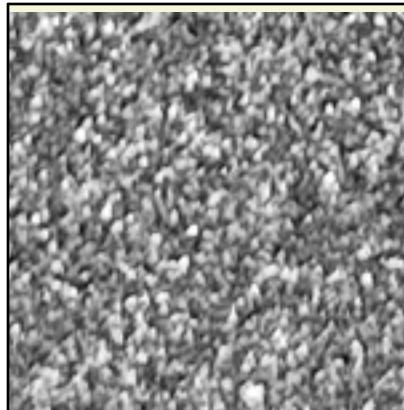




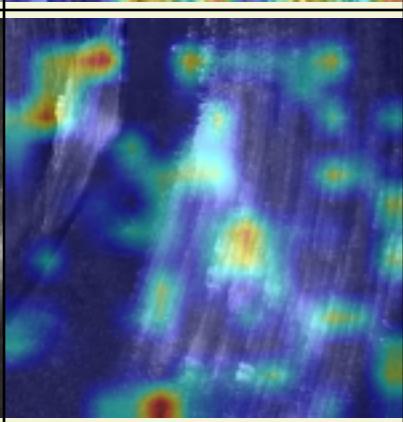
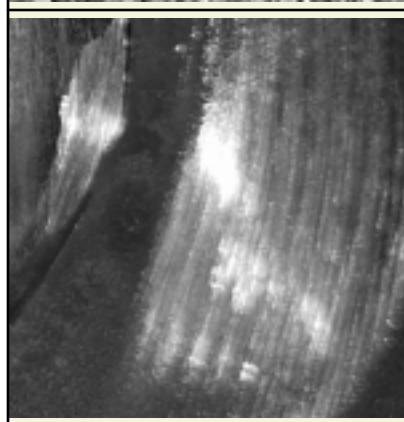




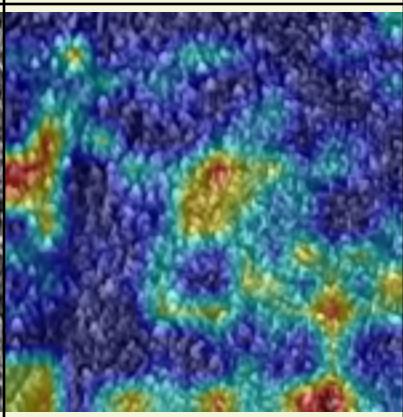
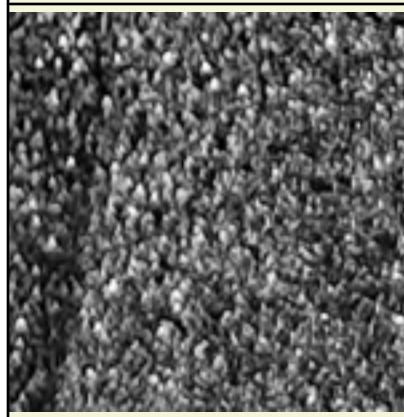




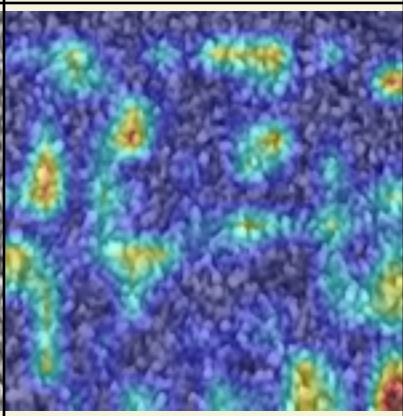
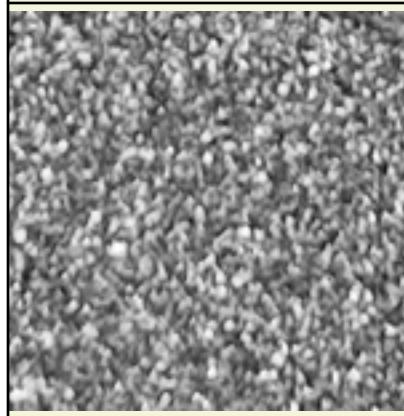
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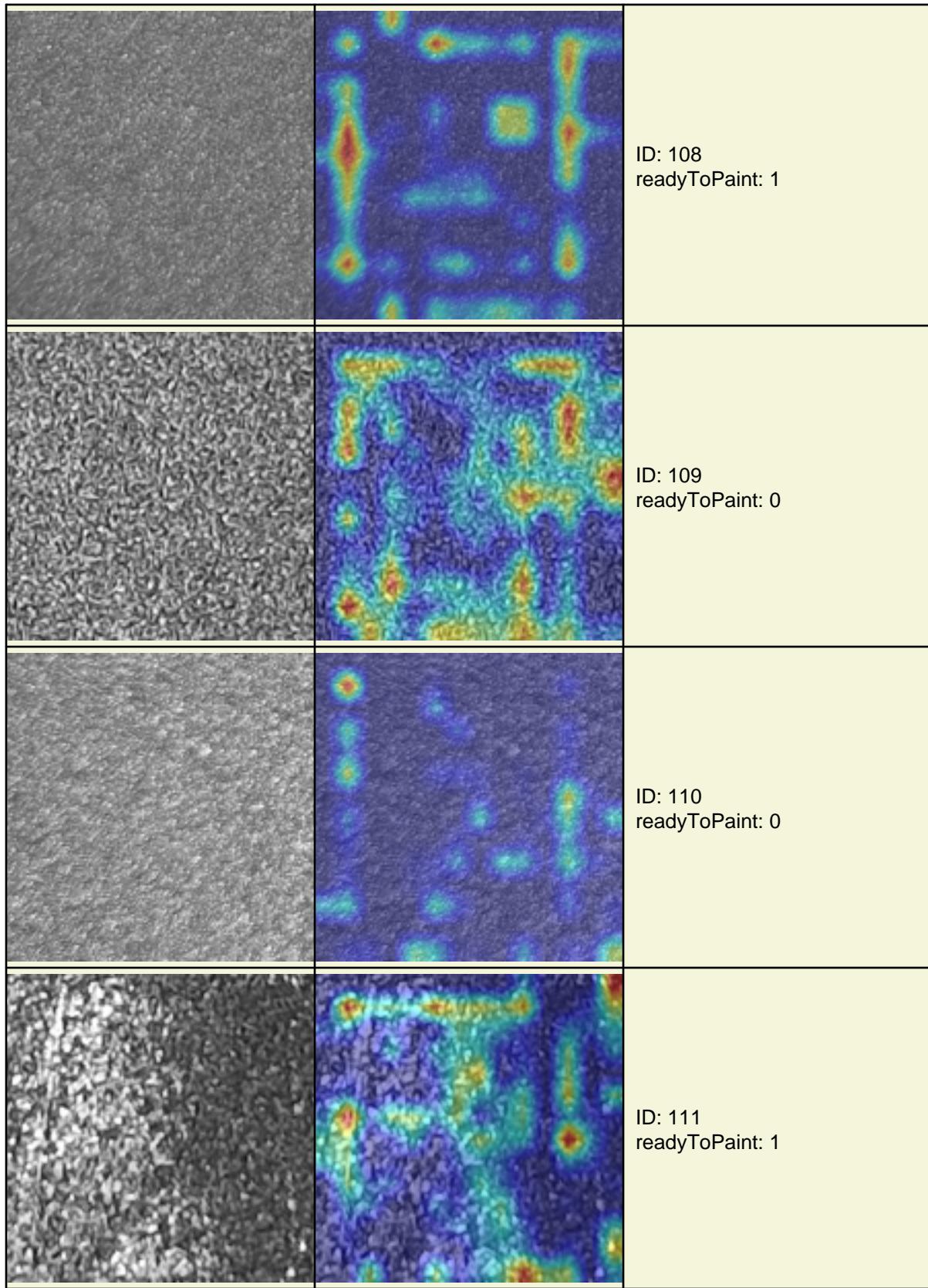
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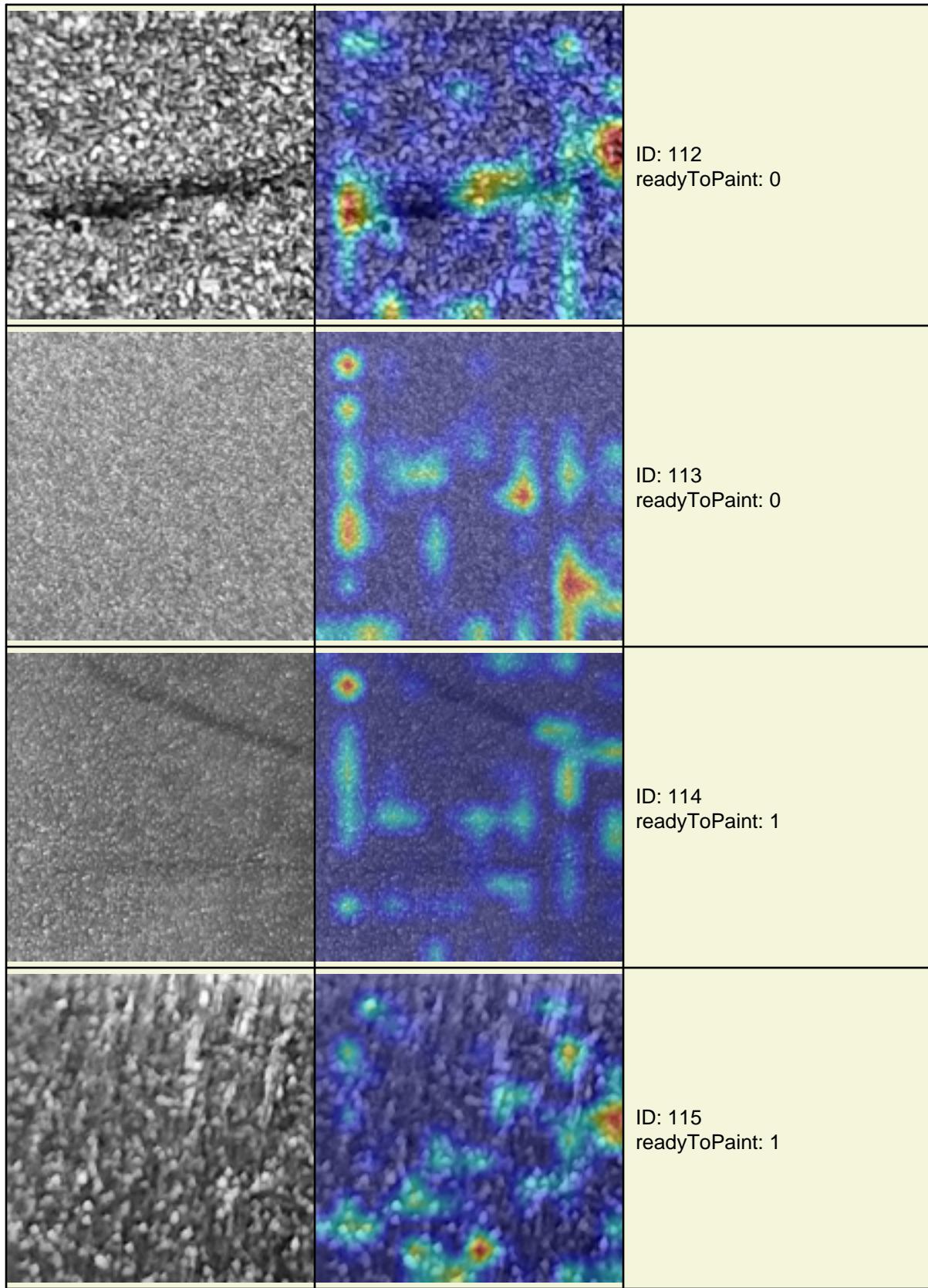


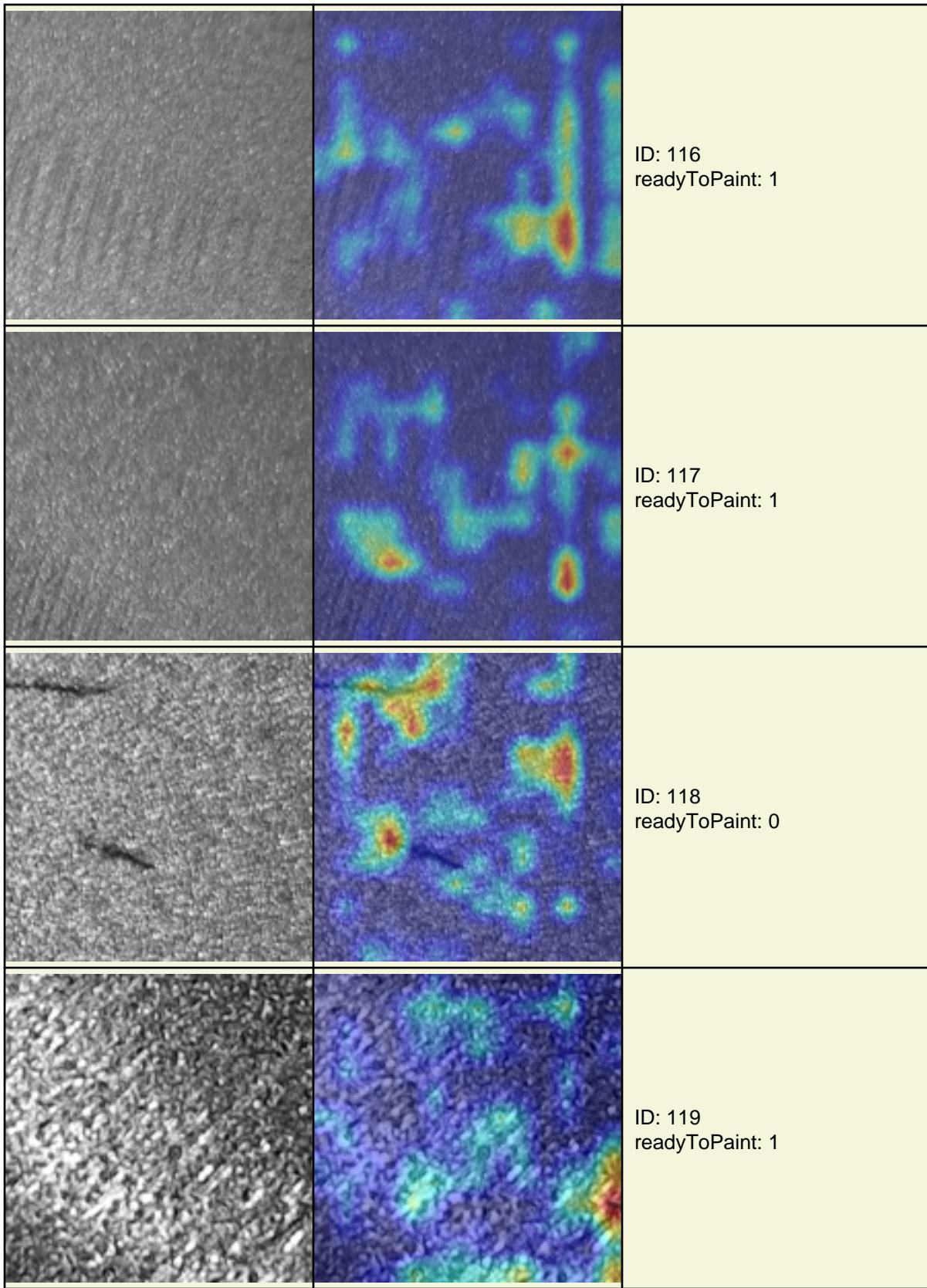
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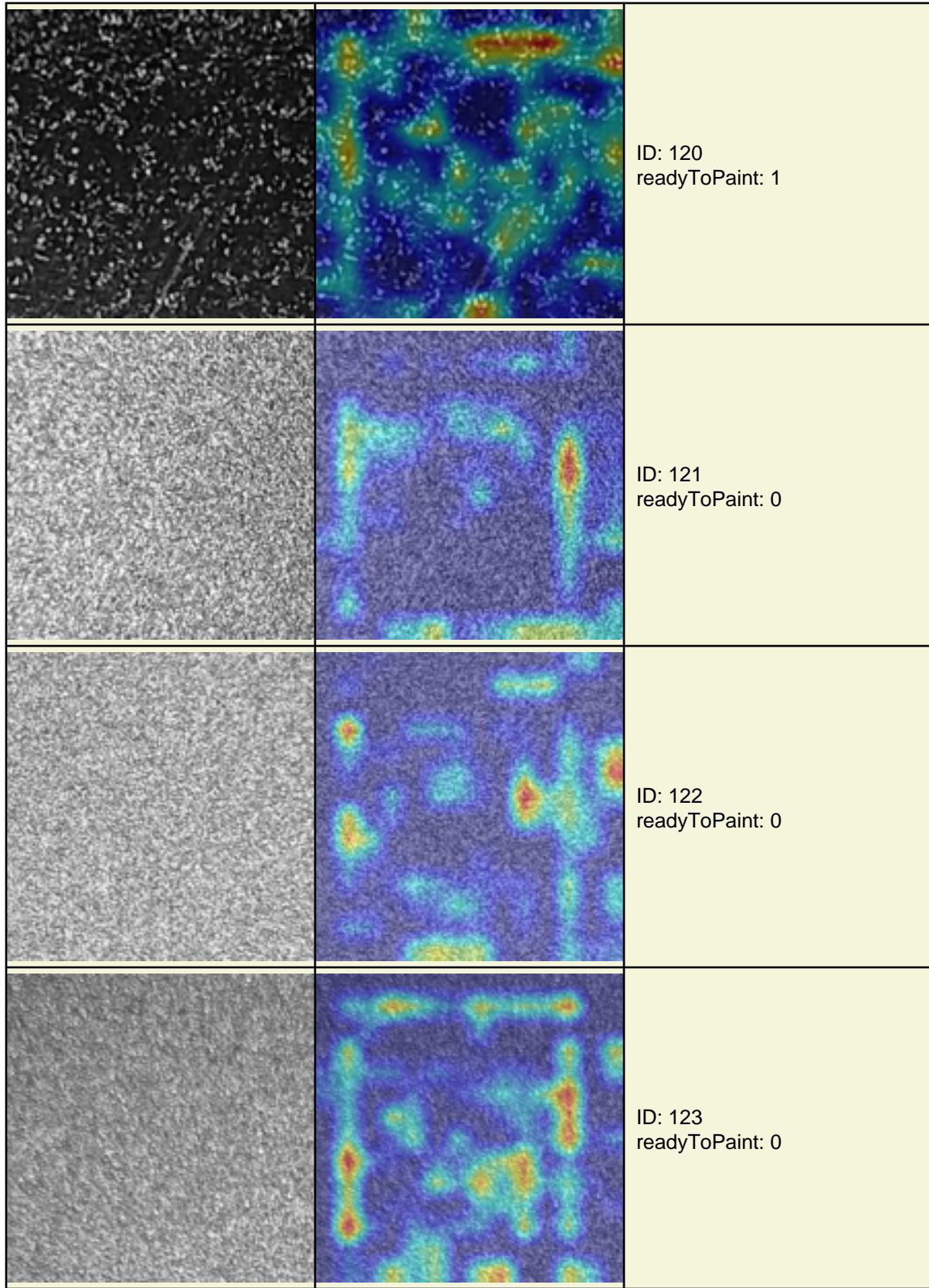


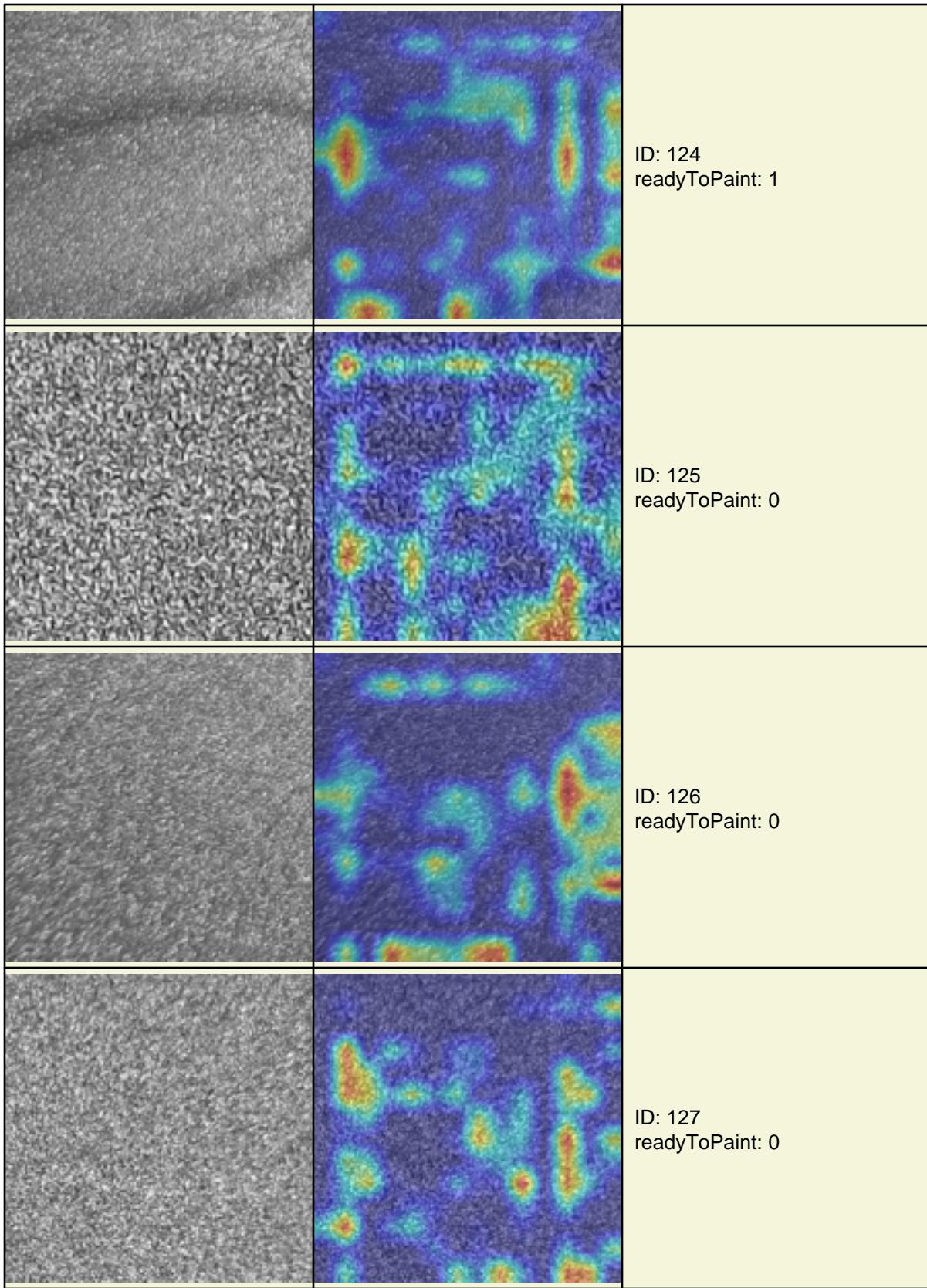
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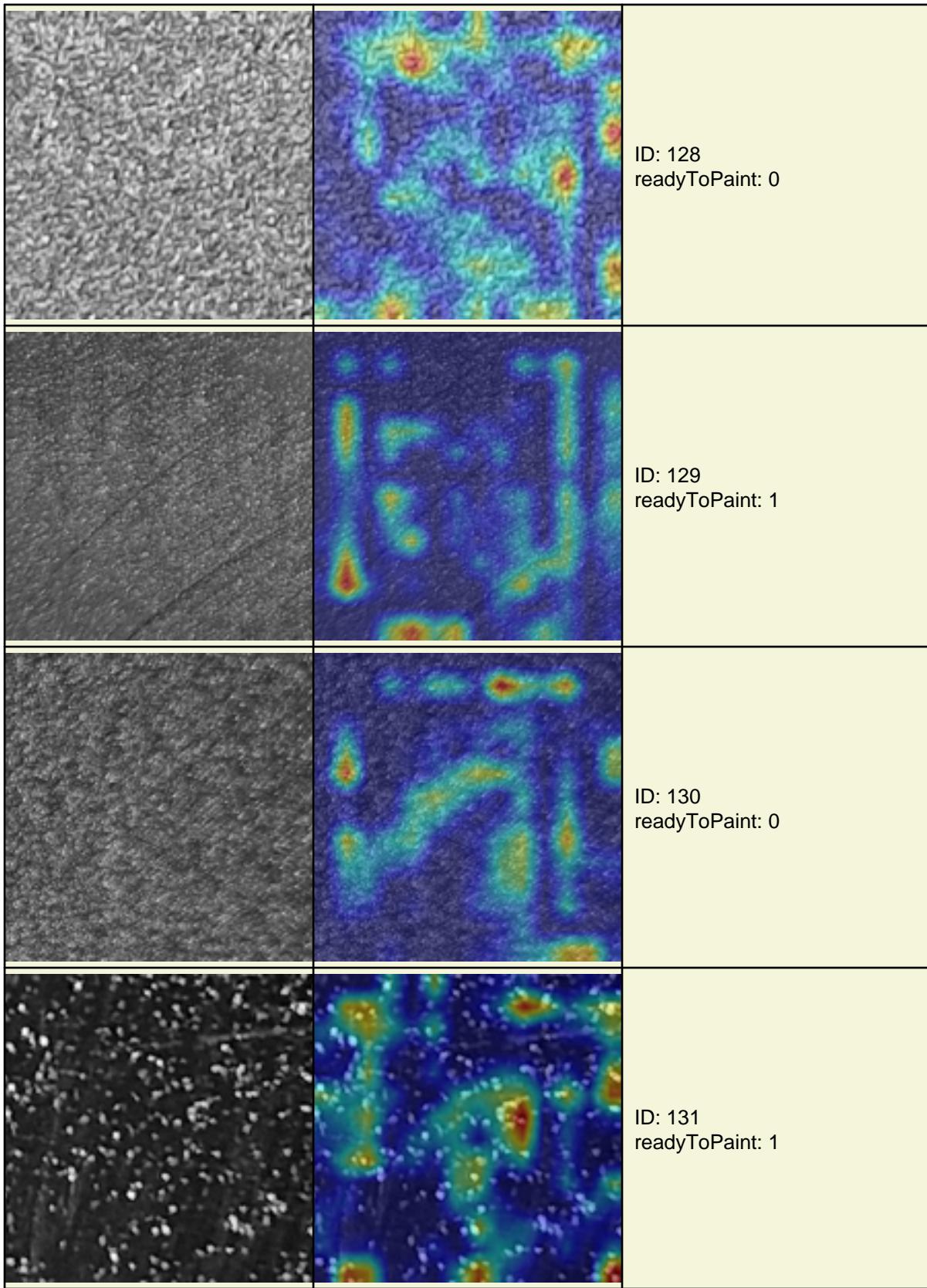


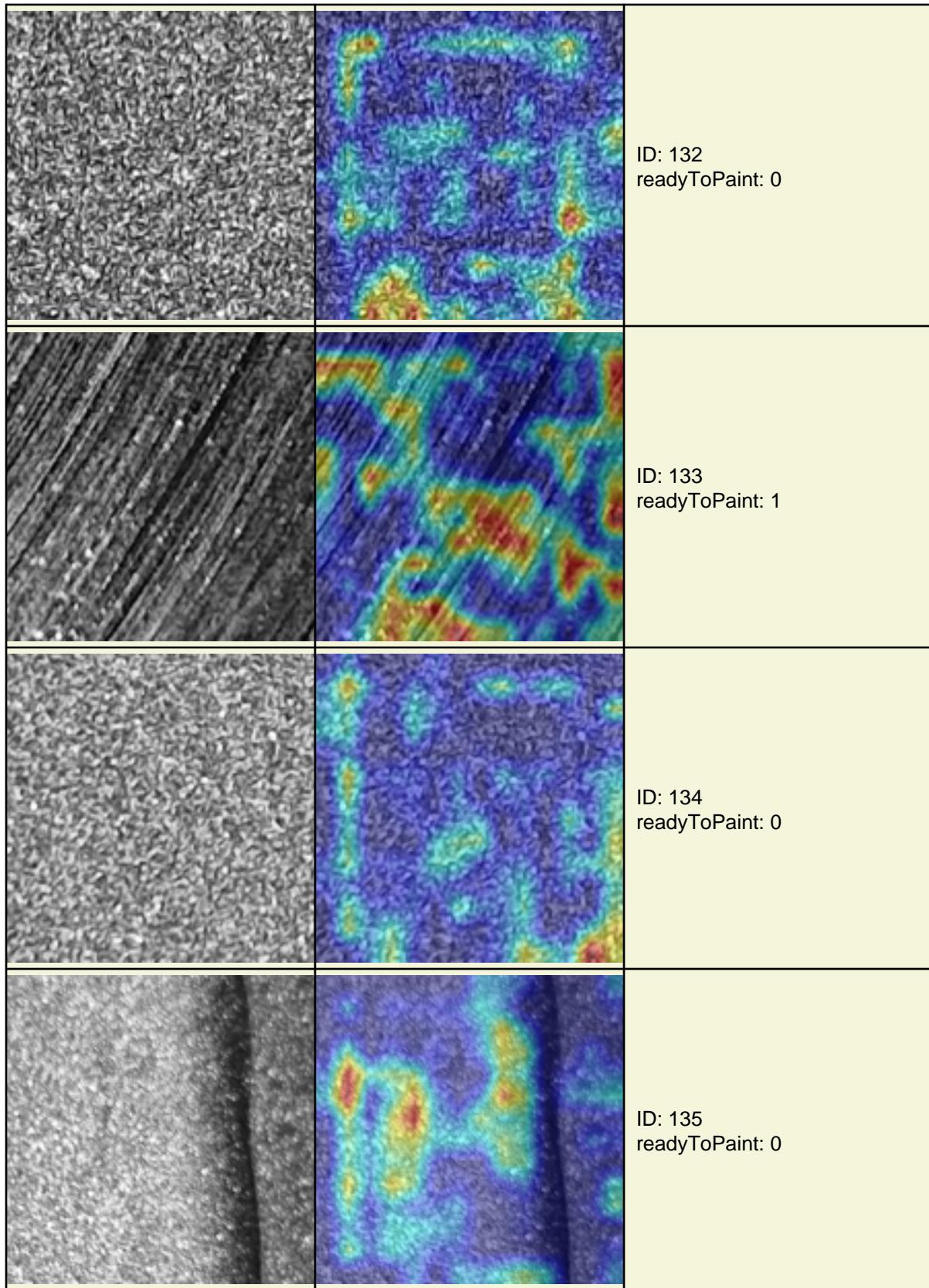


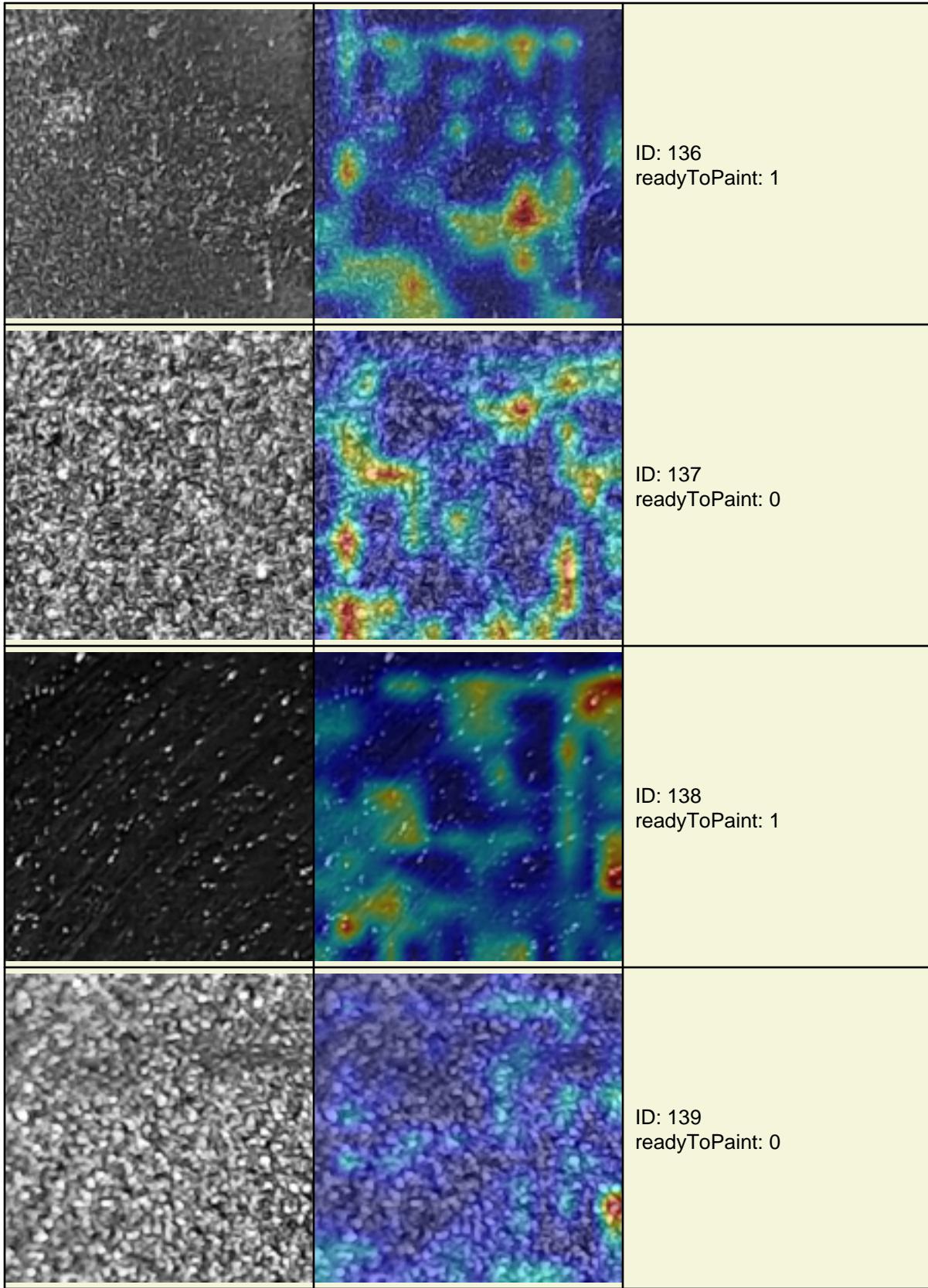


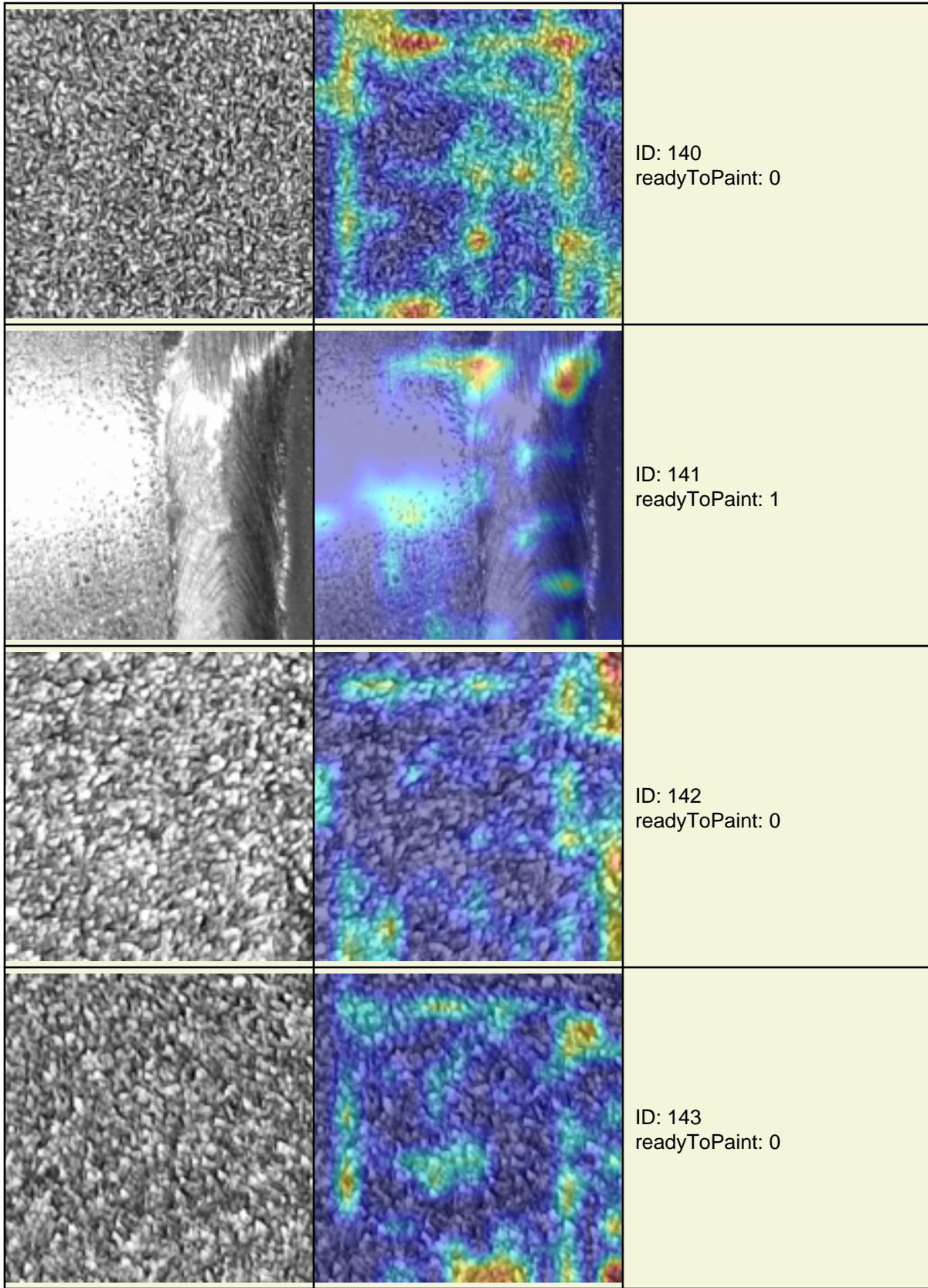


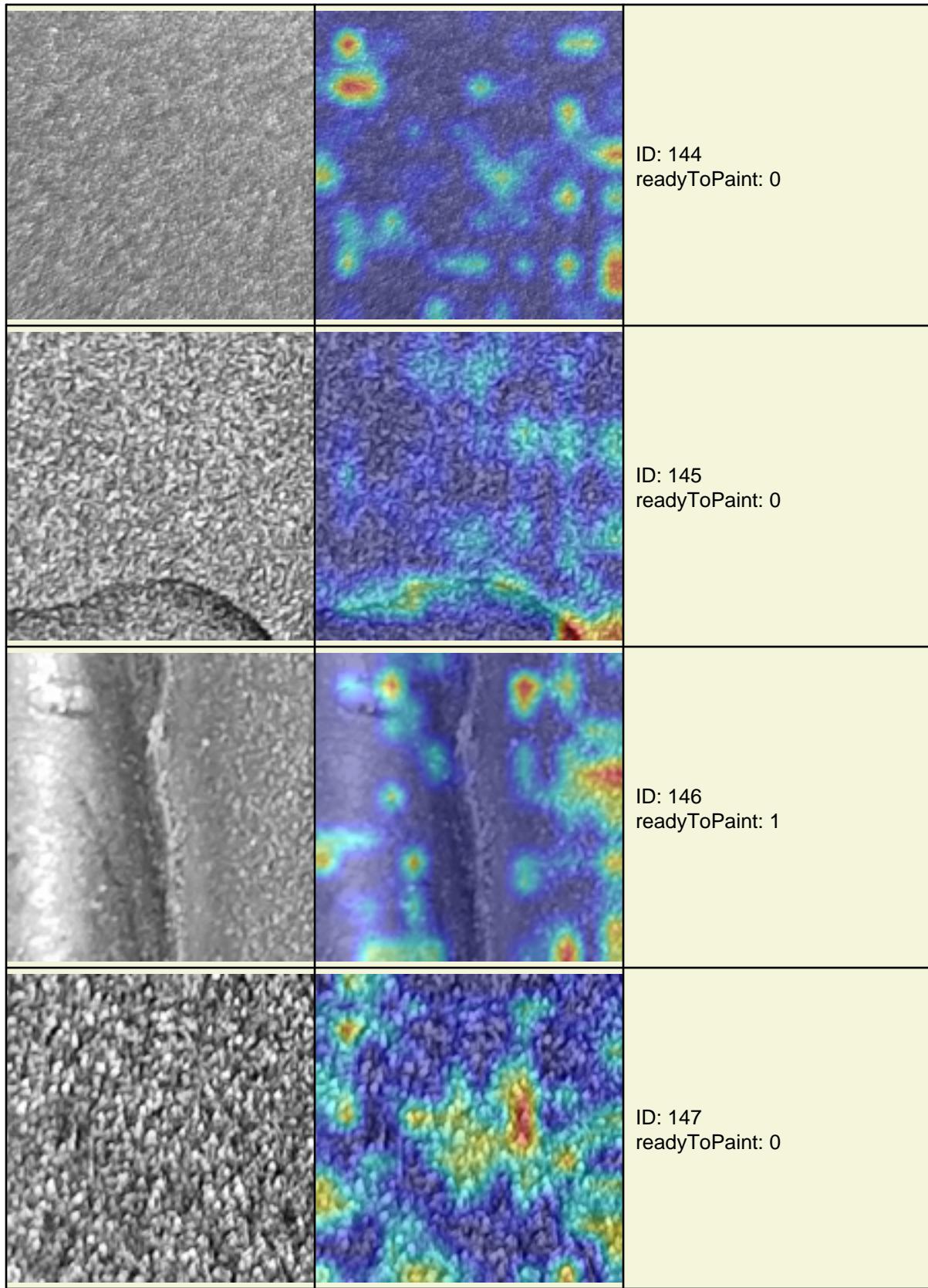


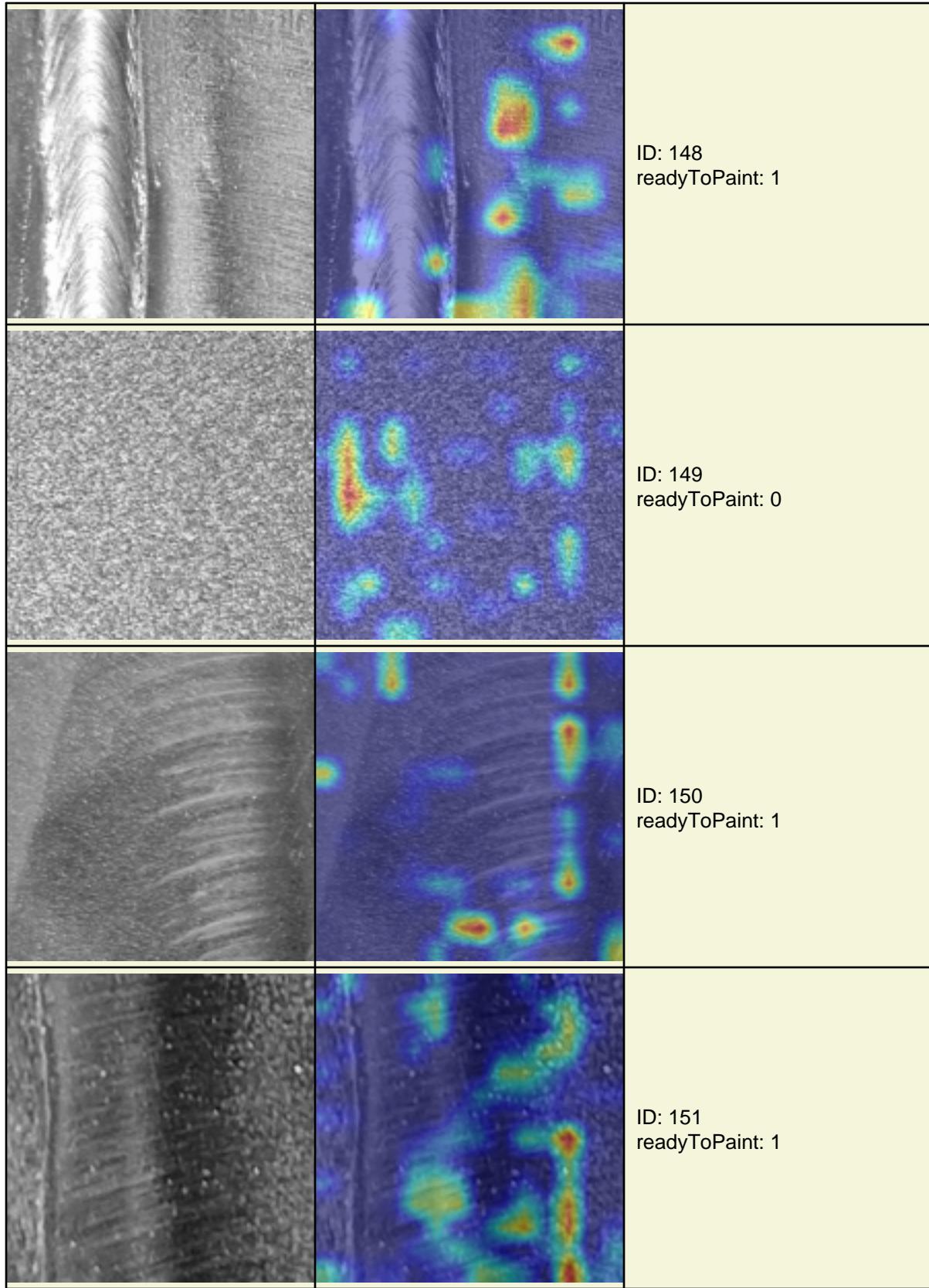


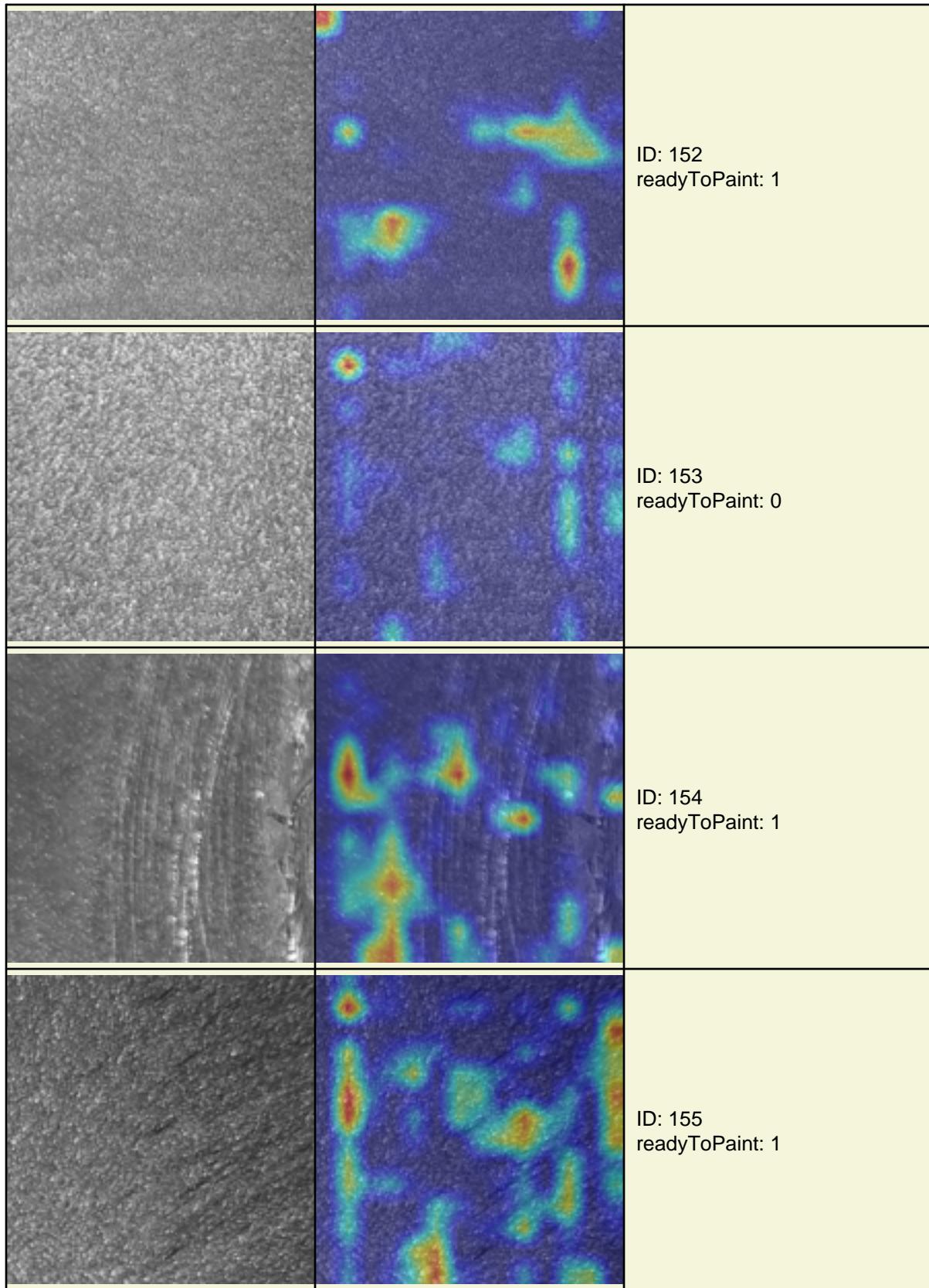


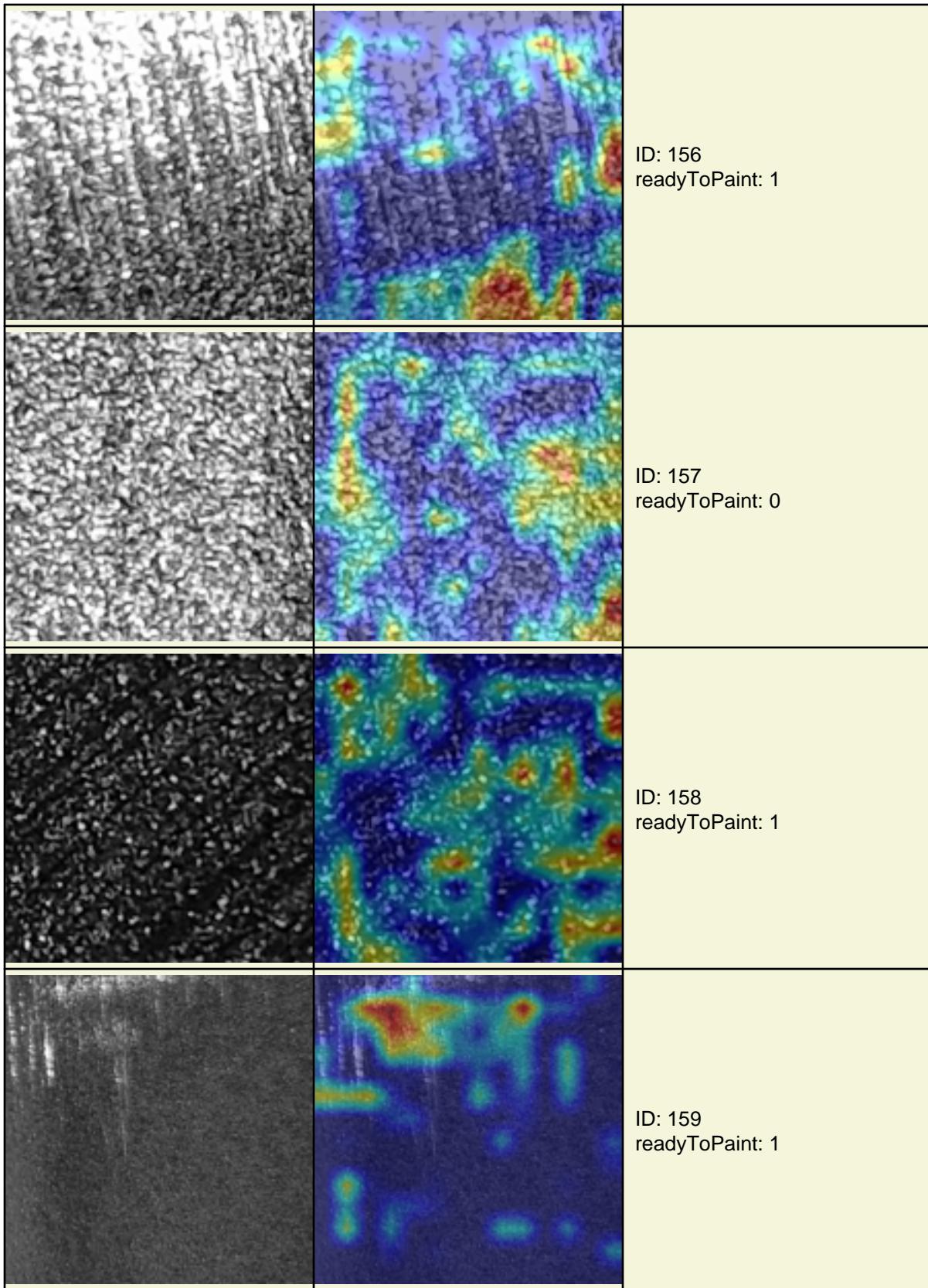


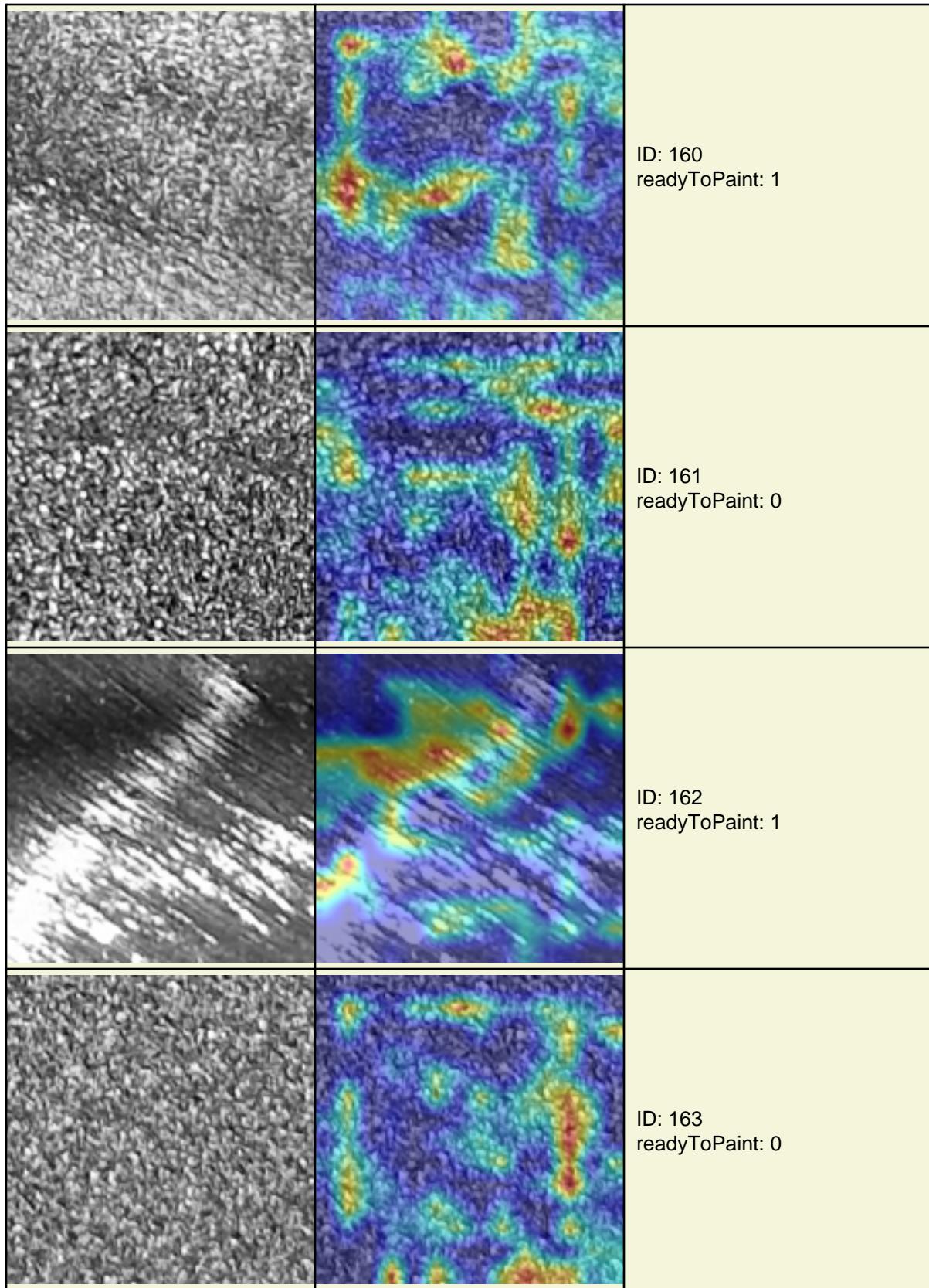


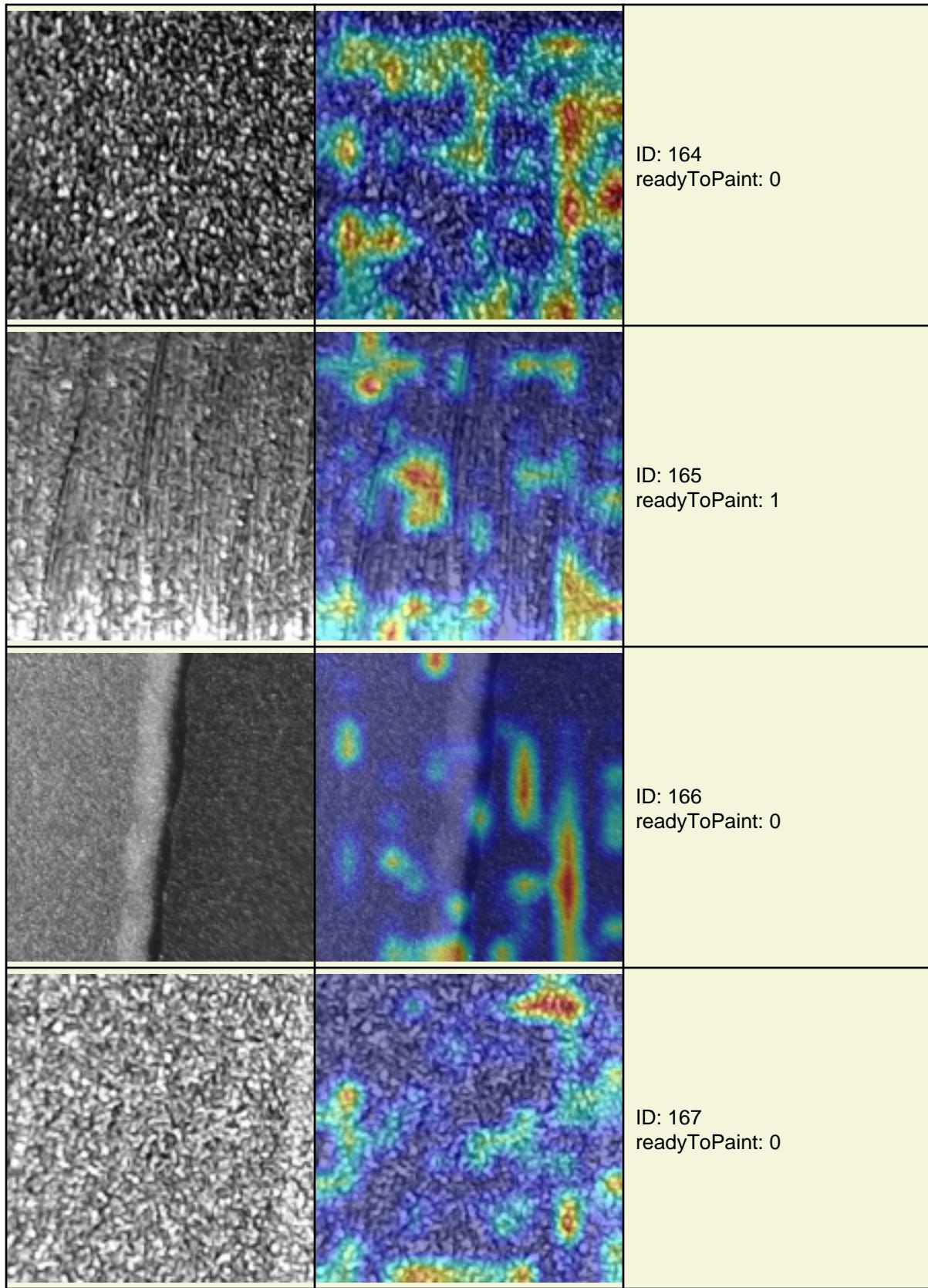


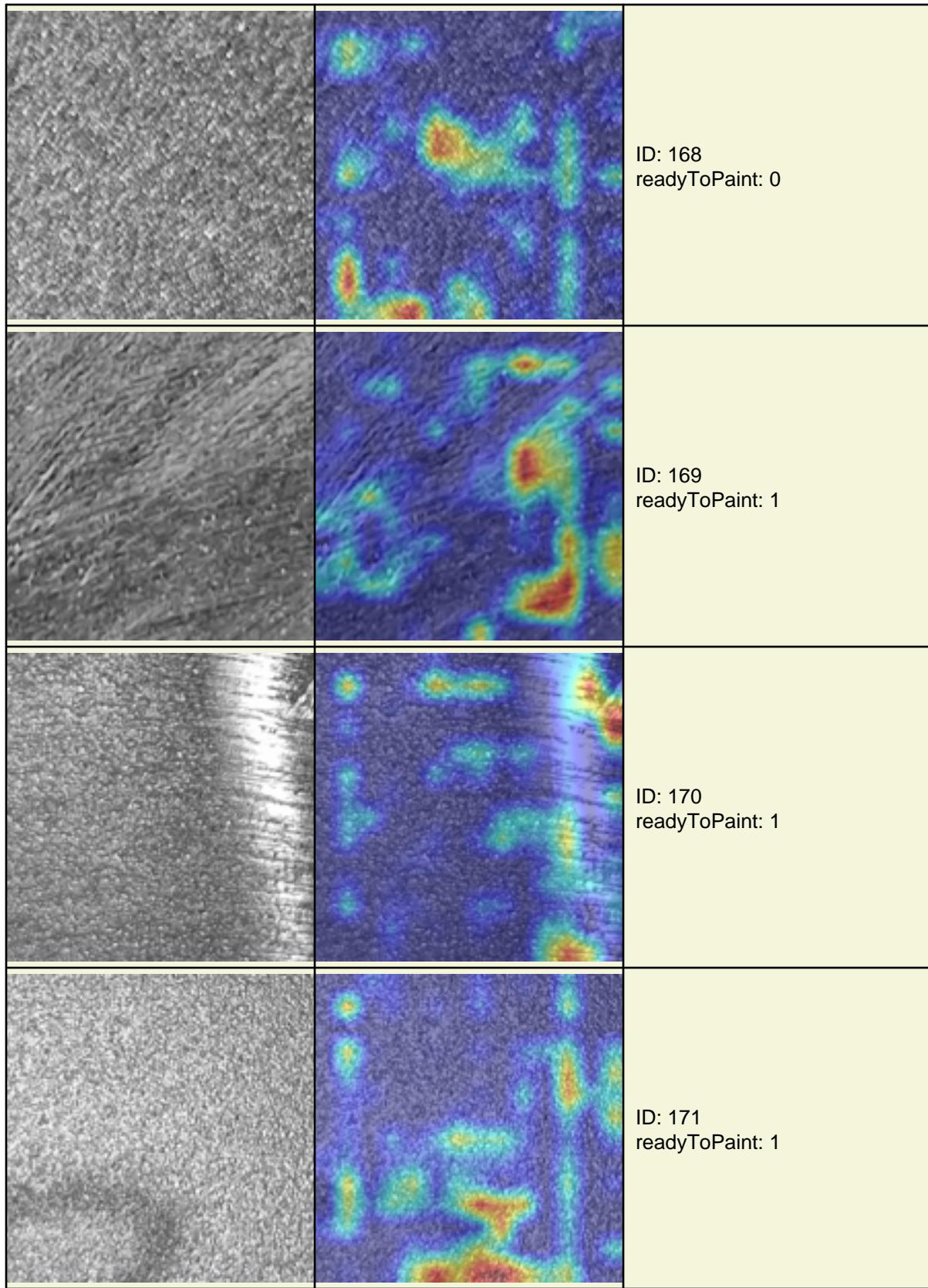


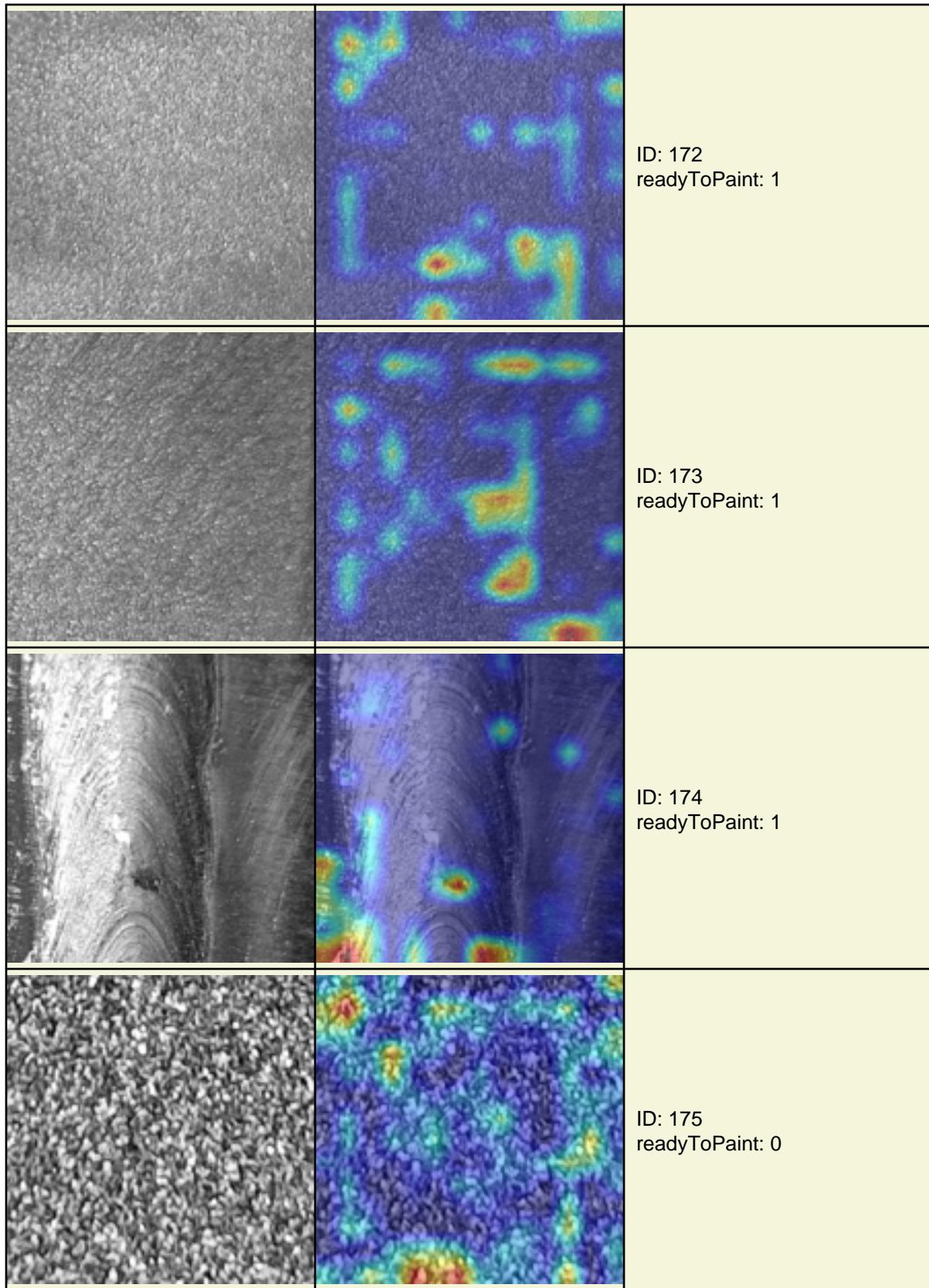


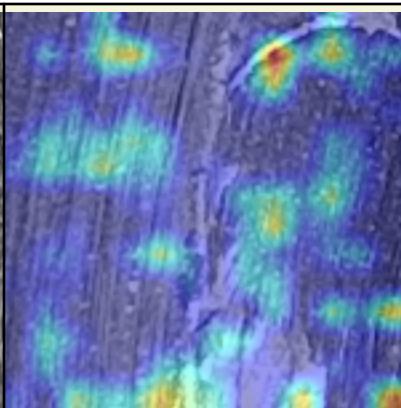
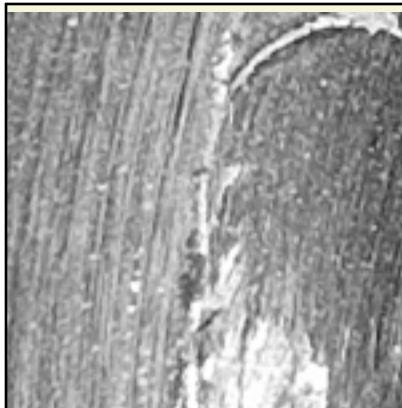




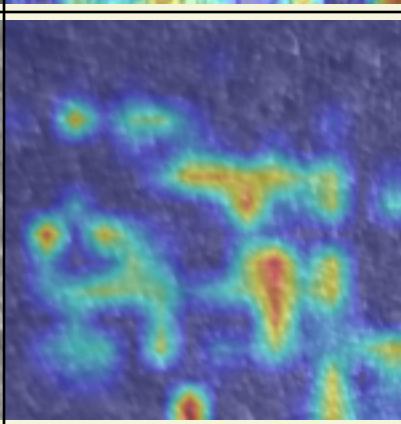
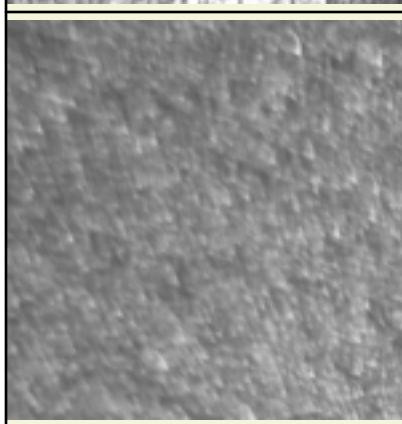




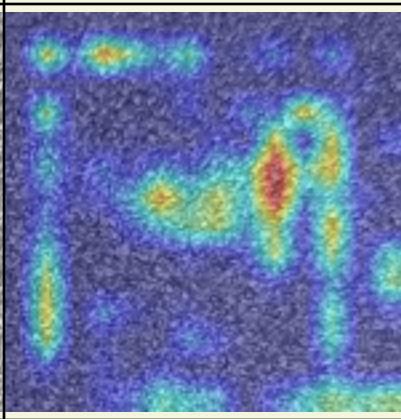




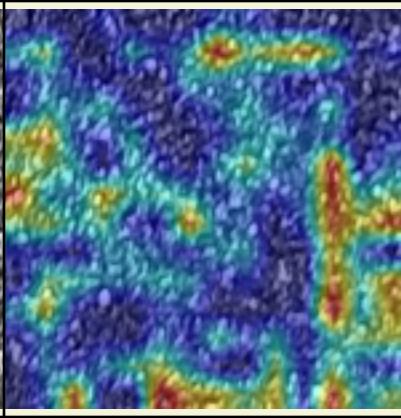
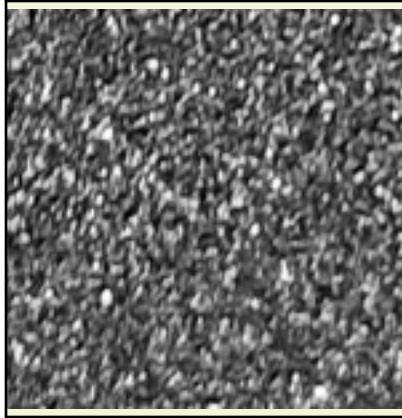
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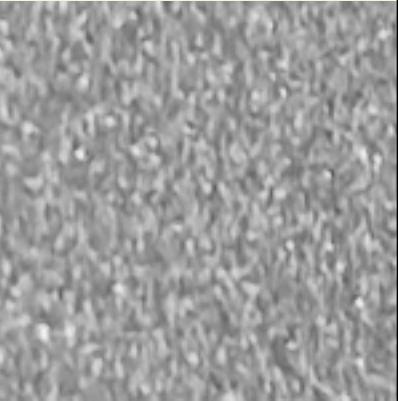
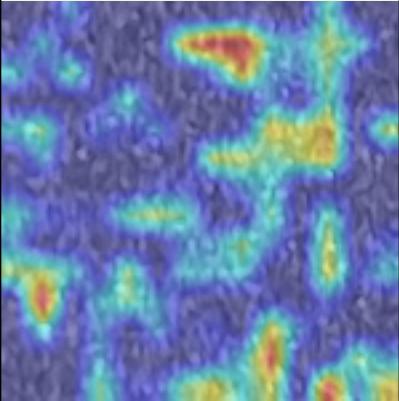
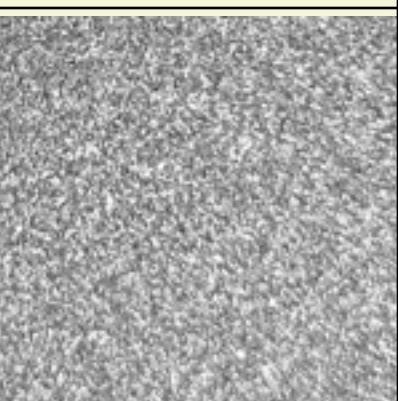
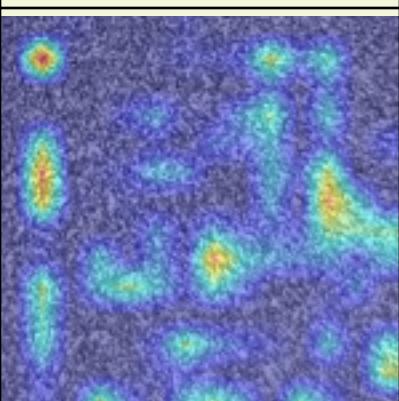
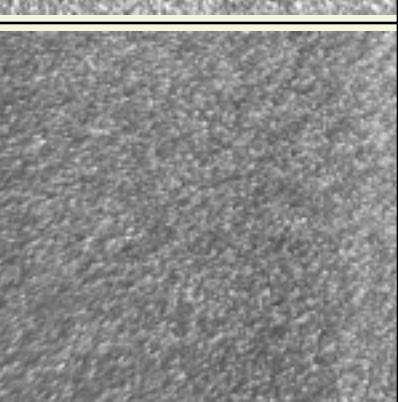
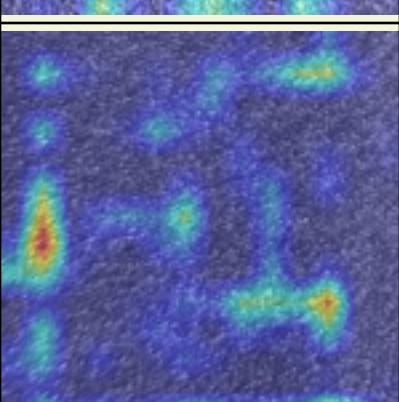
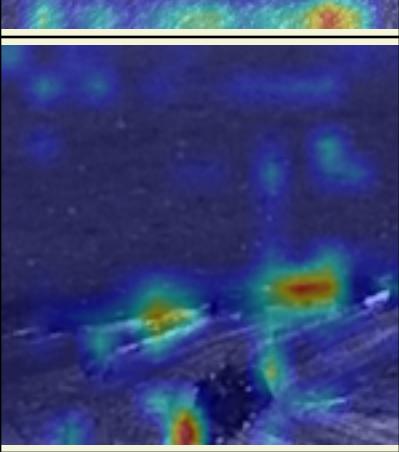
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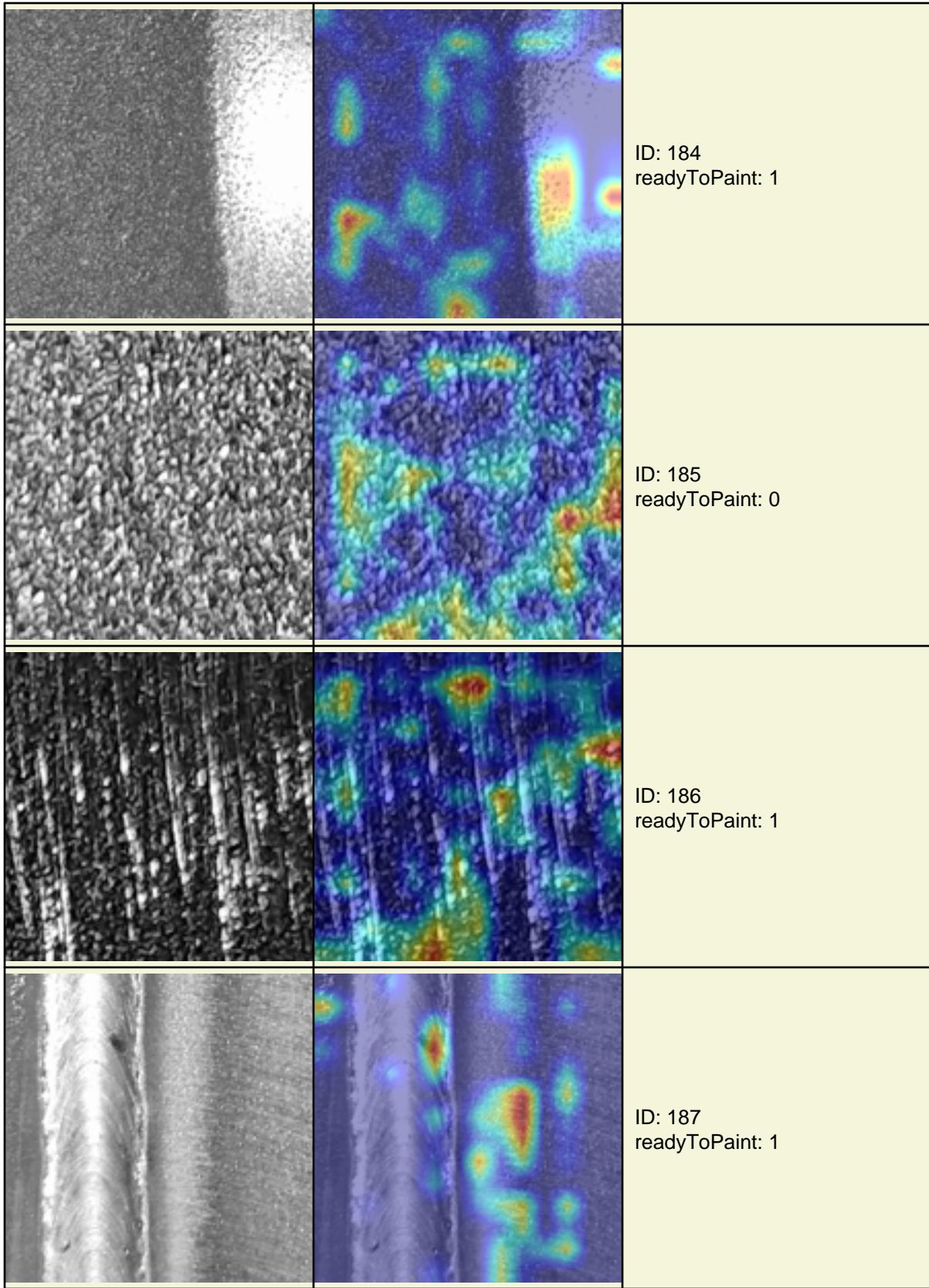


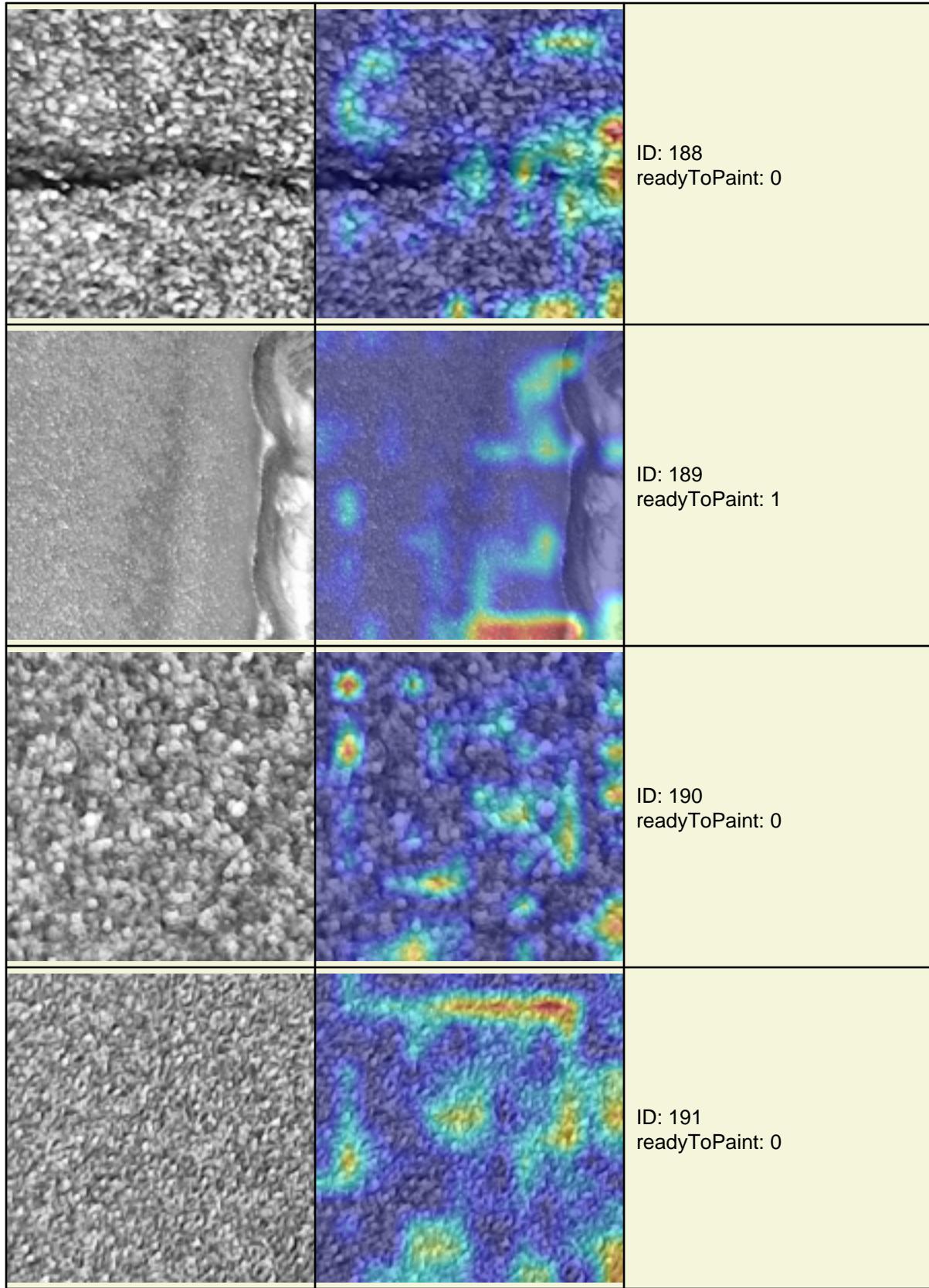
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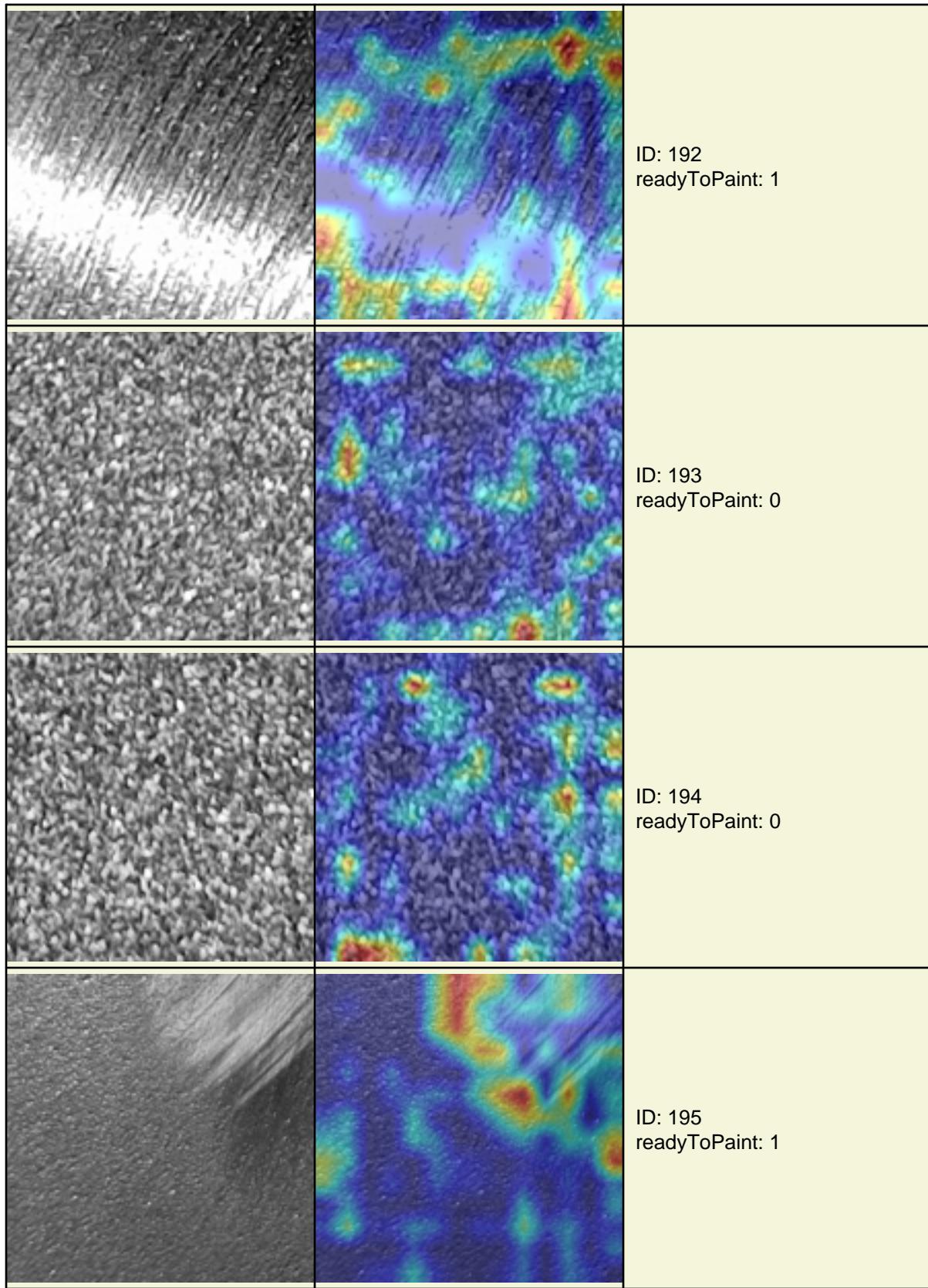


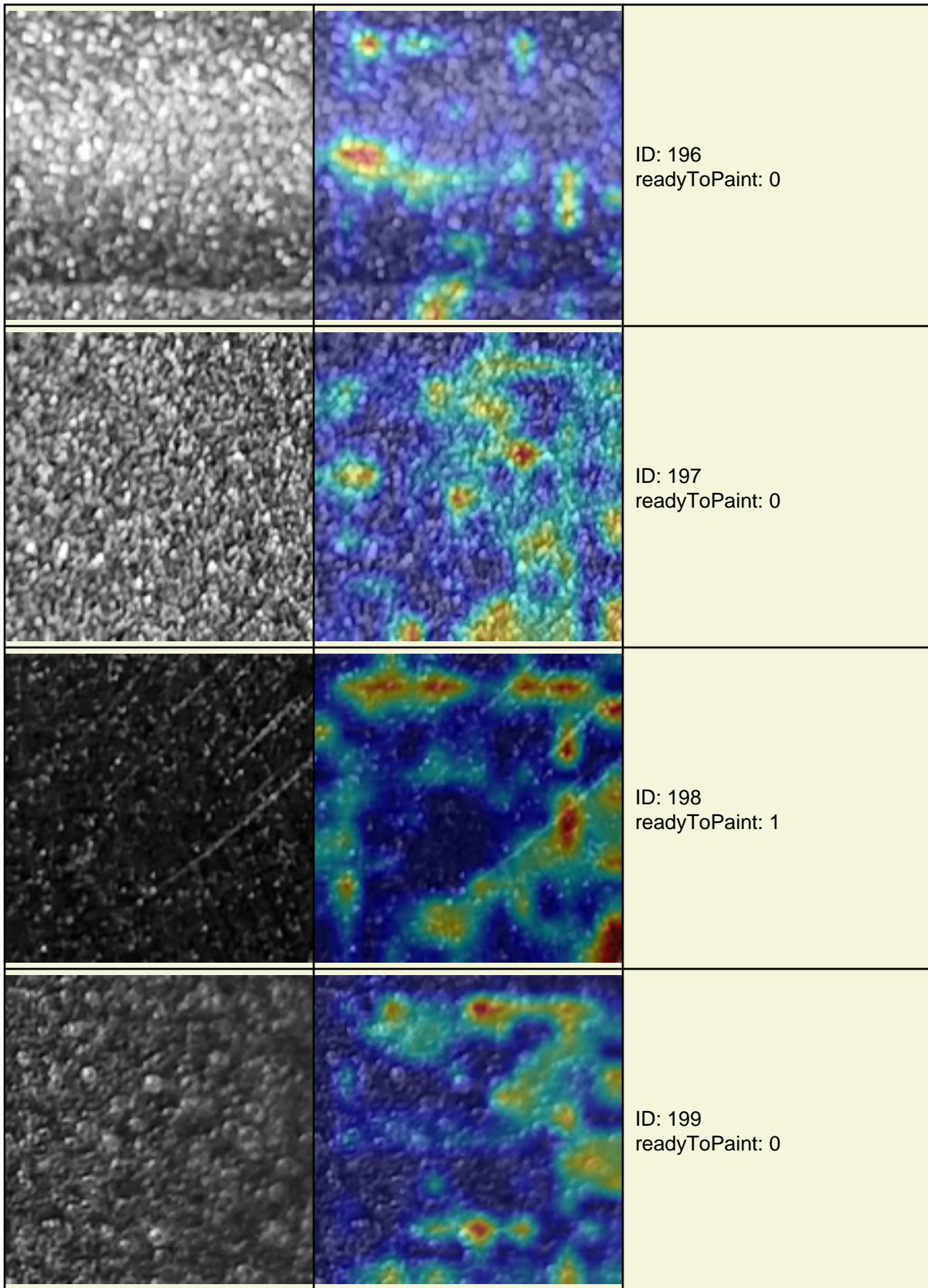
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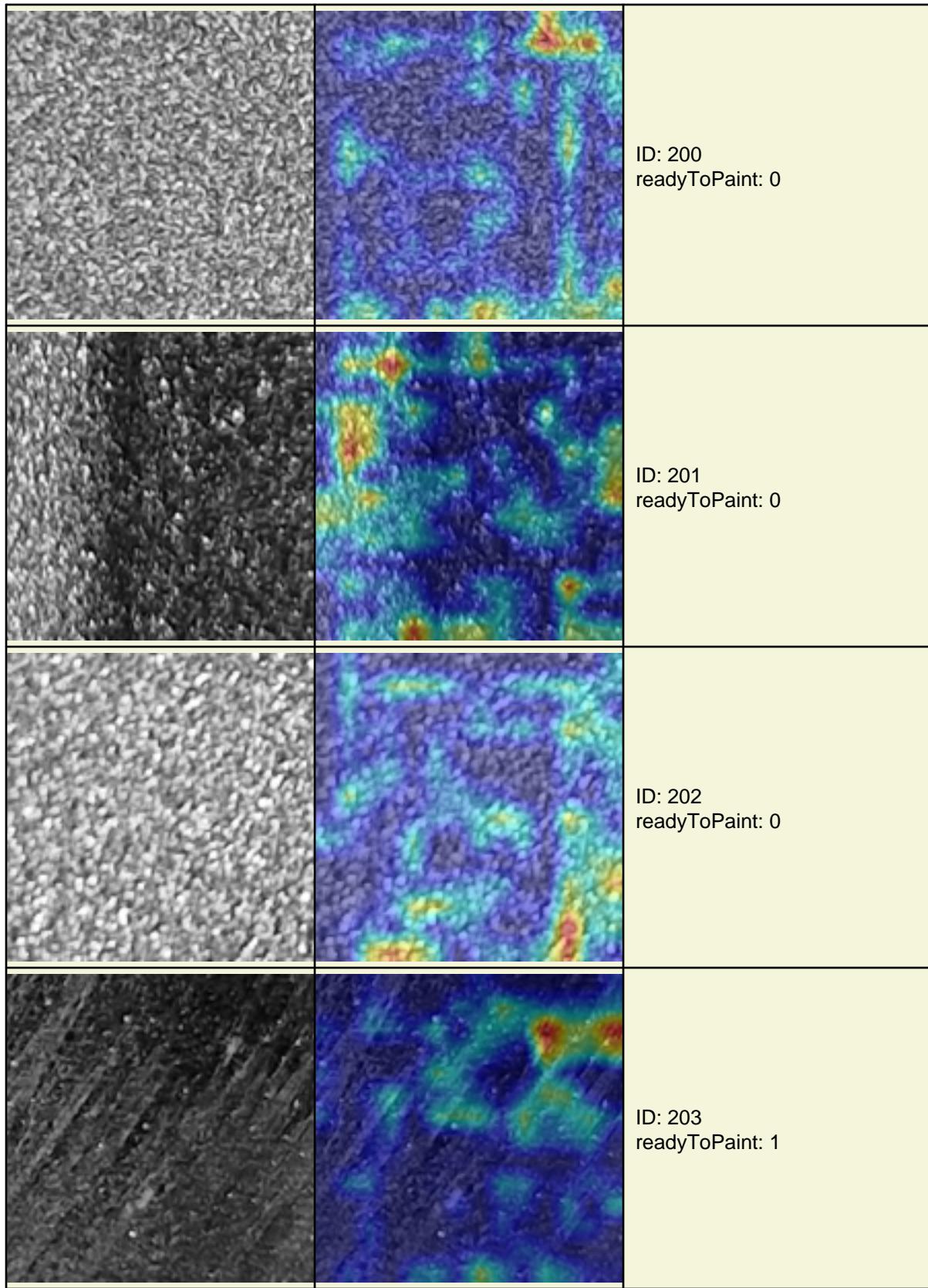
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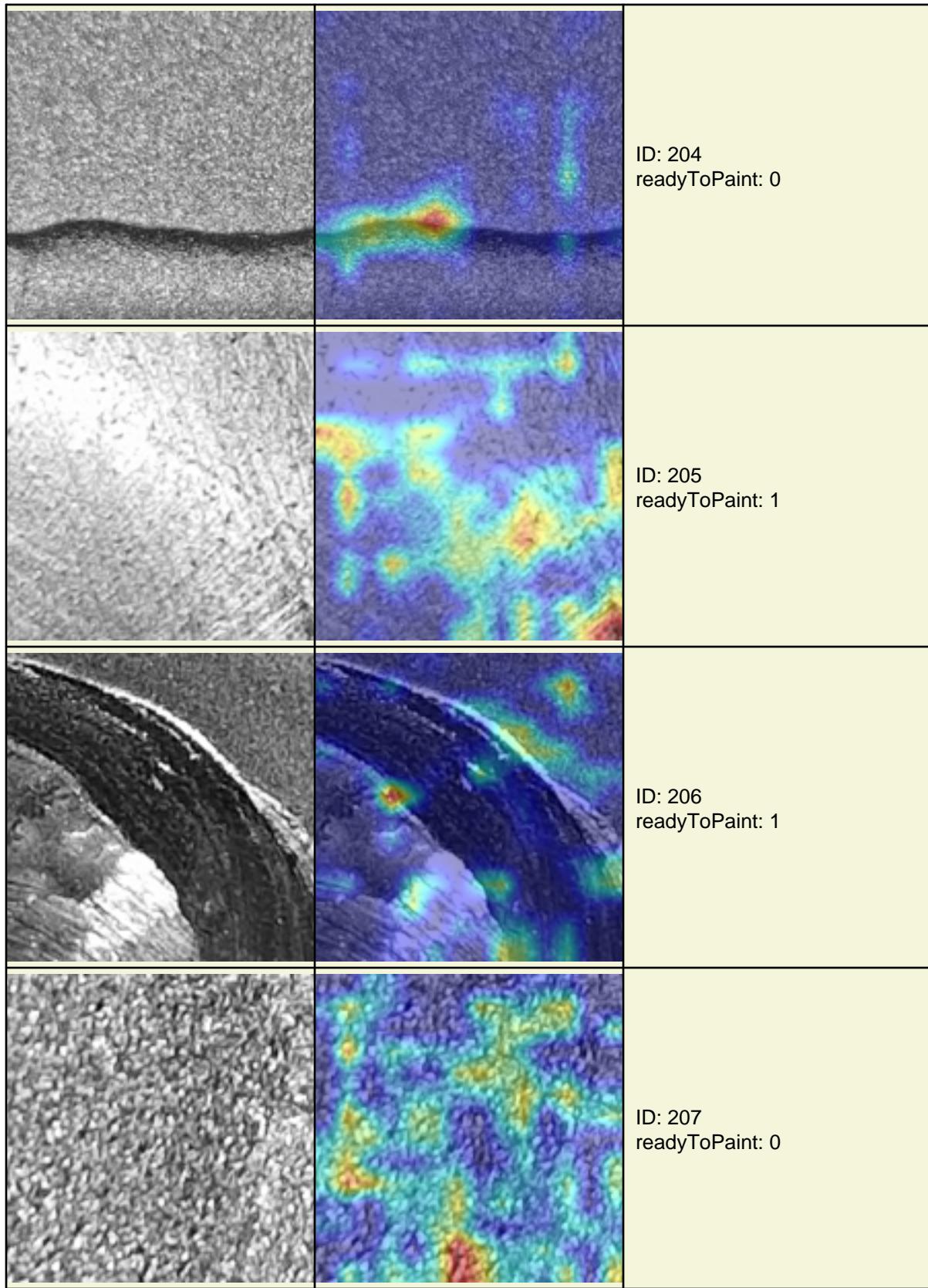


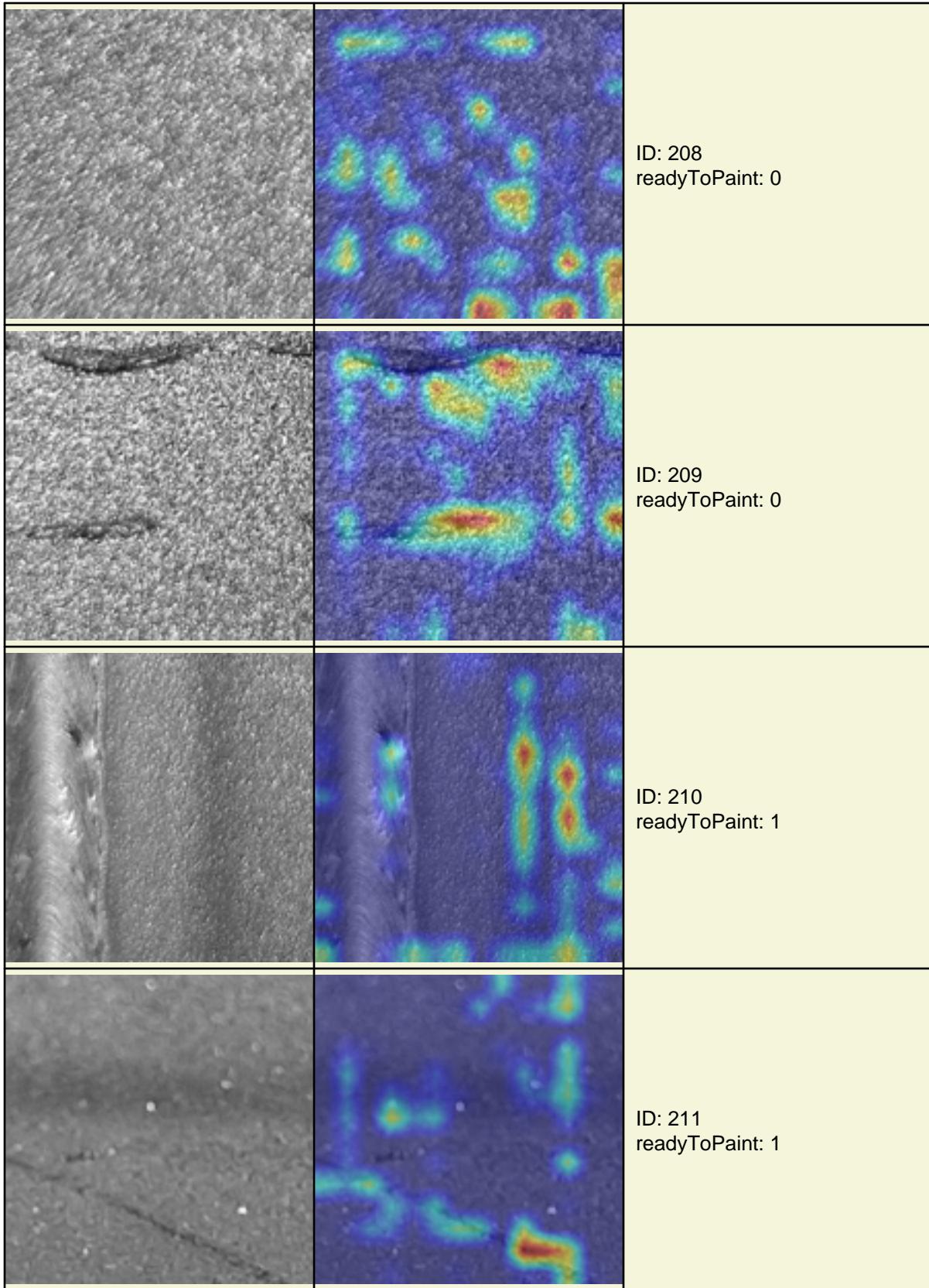


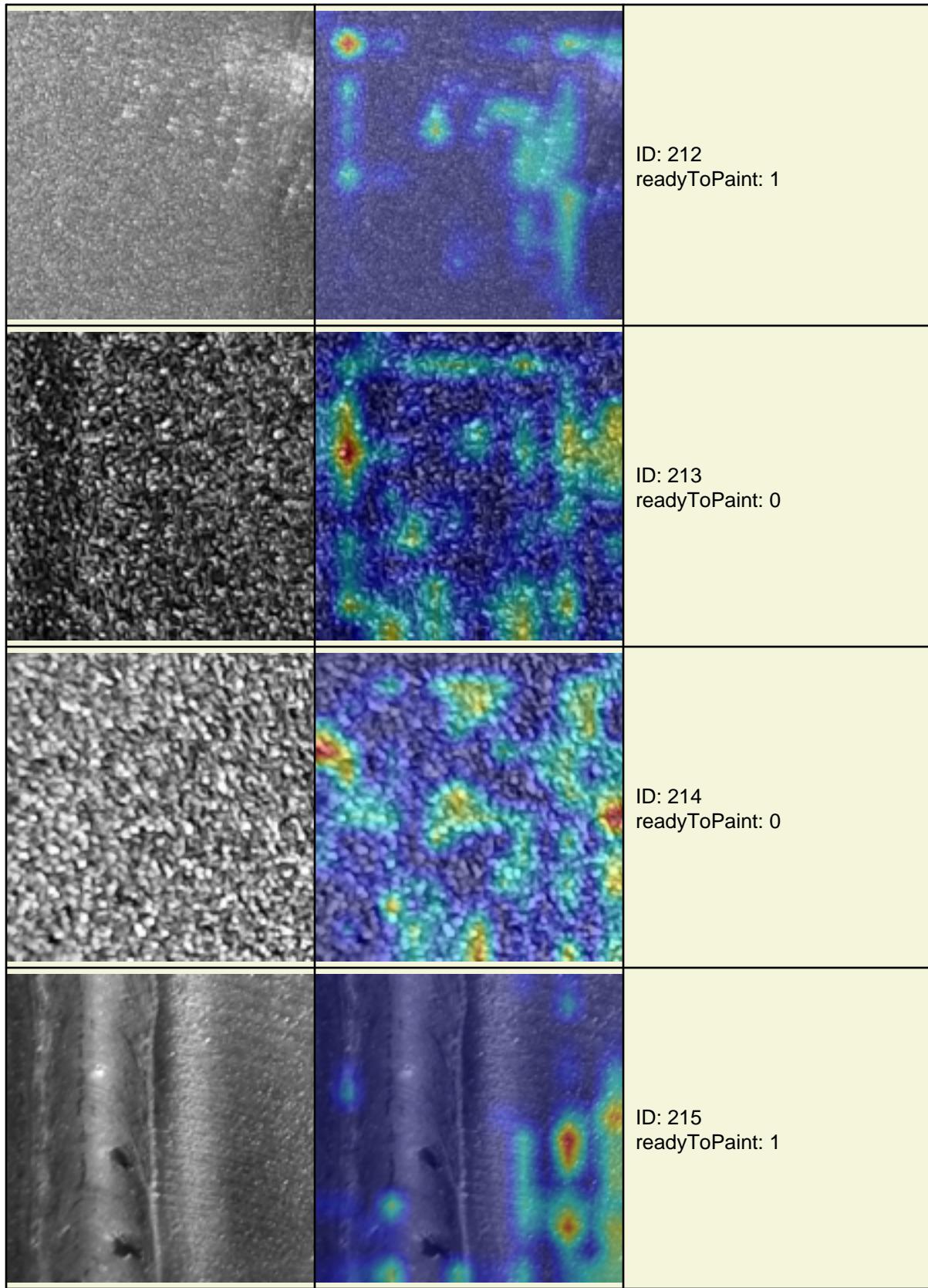


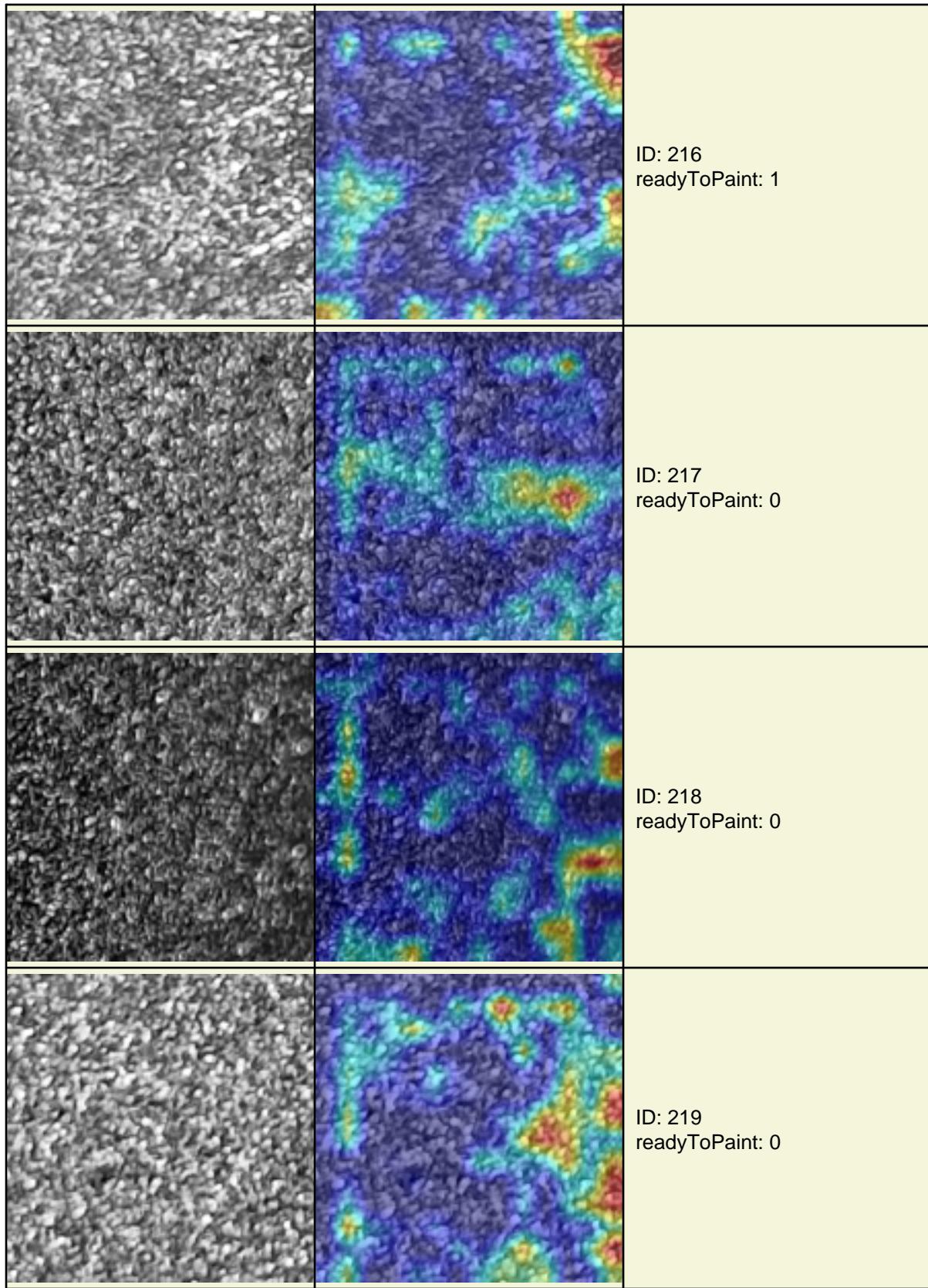


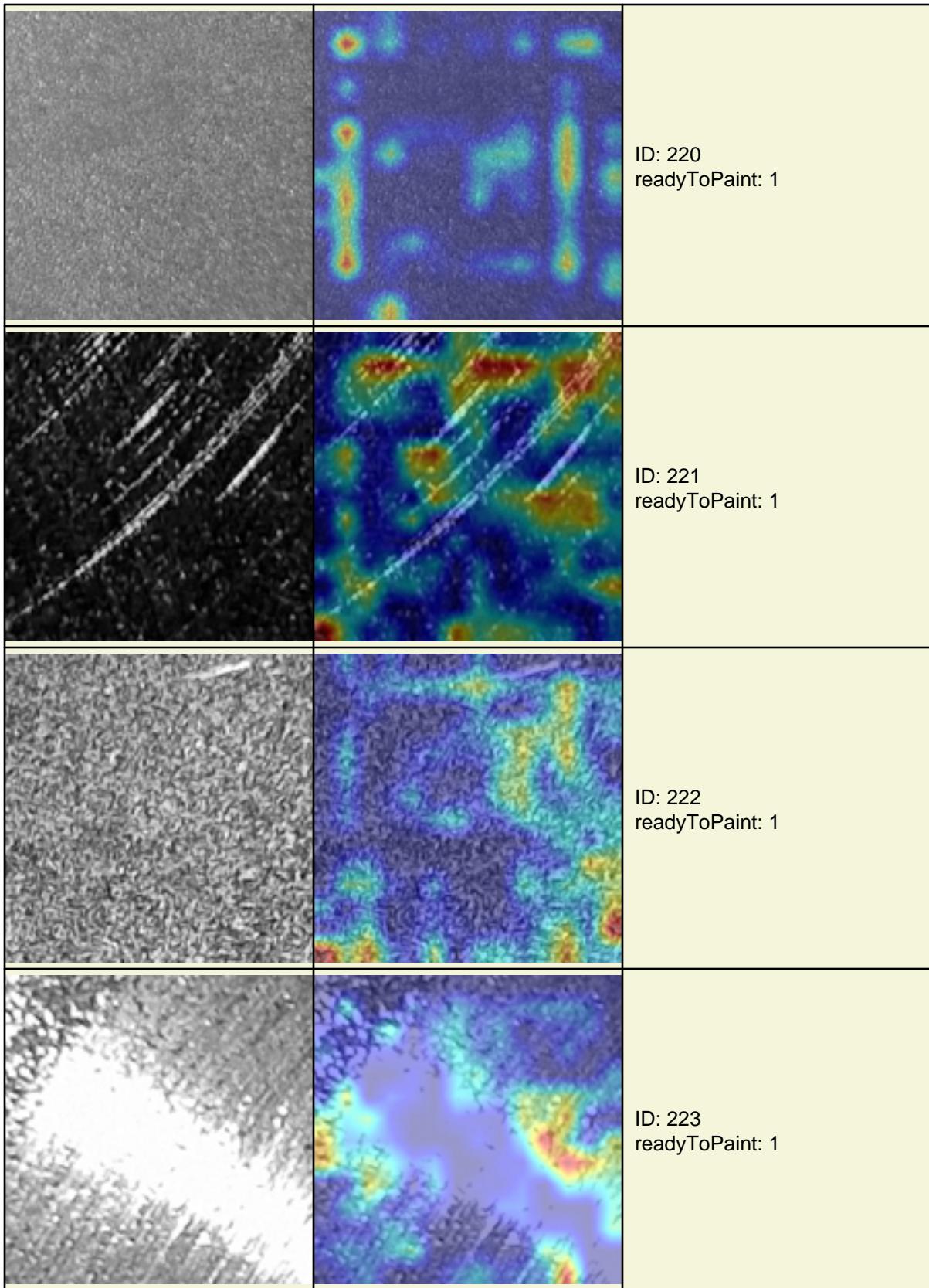


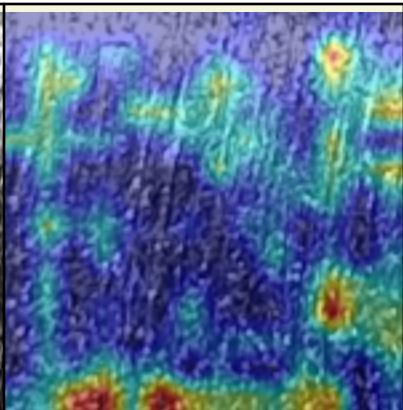
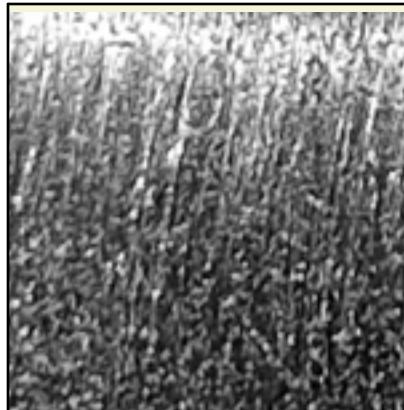




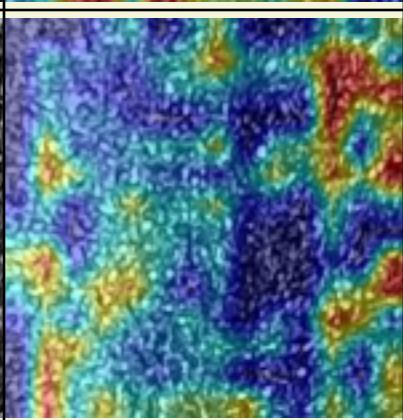
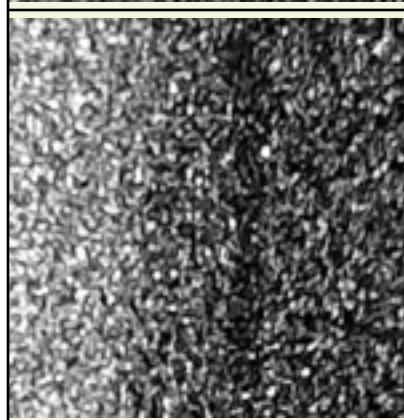




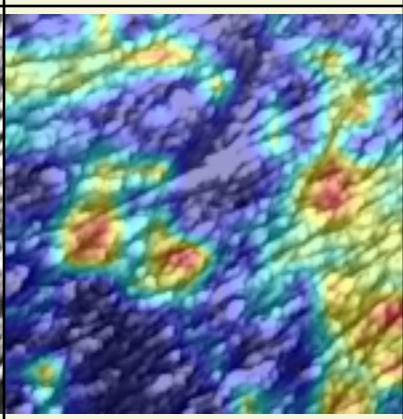
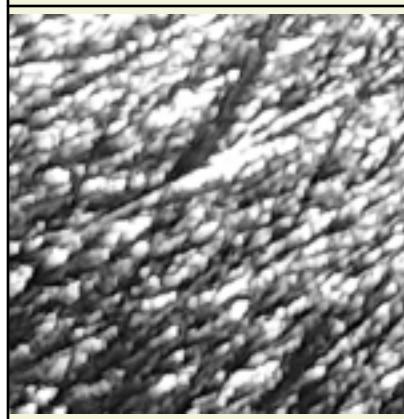




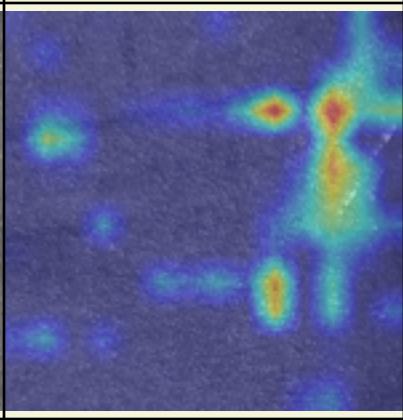
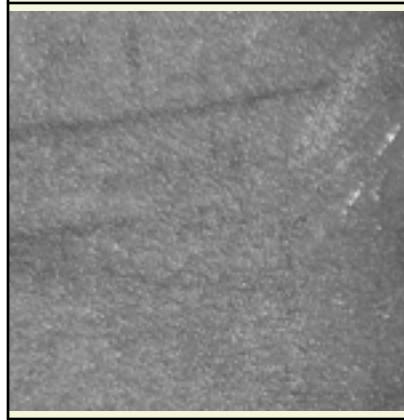
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