QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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CLIENT: **NOVATIK Distribution, LLC**
4430 Wilder Road
Naples, FL 34105

PRODUCER: **NOVATIK SRL**
9 Mai Street, No. 75
Baicoi, Prahova, Romania

Test Report No: RJ9490P-EEV	Issue Date: July 19, 2024

SAMPLE ID: Stone Coated Metal Roof Tiles

- 40-inch x 15-inch Novatik NATURA Slate
- 52-inch x 16-inch Novatik NATURA Roman
- 53-inch x 16-inch Novatik NATURA Classic
- 54-inch x 15-inch Novatik NATURA Wood

AUTHORIZATION: QAI Test proposal Number 24DN0108-03R1 signed by Lana Pukas on 04/18/2024.

EVALUATION REQUESTED: Evaluation to determine if the Novatik stone coated metal roof products defined in Table 1 will meet the requirements of a Class 4 Impact rating when tested to the following methods:

- UL 2218 *Impact Resistance Test of Prepared Roof Covering Materials*.

RESULTS: Based on the supporting evidence contained in this evaluation, it is the professional opinion of QAI Laboratories that the Novatik stone coated metal roof products listed in Table 1 will meet the Class 4 requirements when tested to UL 2218.

Prepared By

Jason Friedrich P.E.
Engineering Manager

Signed for and on behalf of QAI Laboratories, Inc

Andrew Tan P.E
Operations Manager

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EVALUATION PURPOSE

At the request of Novatik Distribution, QAI Laboratories Inc. (QAI) has conducted an evaluation to determine the following Novatik products listed in Table 1 will meet the Class 4 requirements when tested in accordance with UL2218.

This evaluation was conducted based on review of installation details provided to QAI, and through use of indicative tests determined by QAI as appropriate for ensuring ongoing compliance as a Class 4 impact rated roof covering when evaluated following the test procedures of UL 2218.

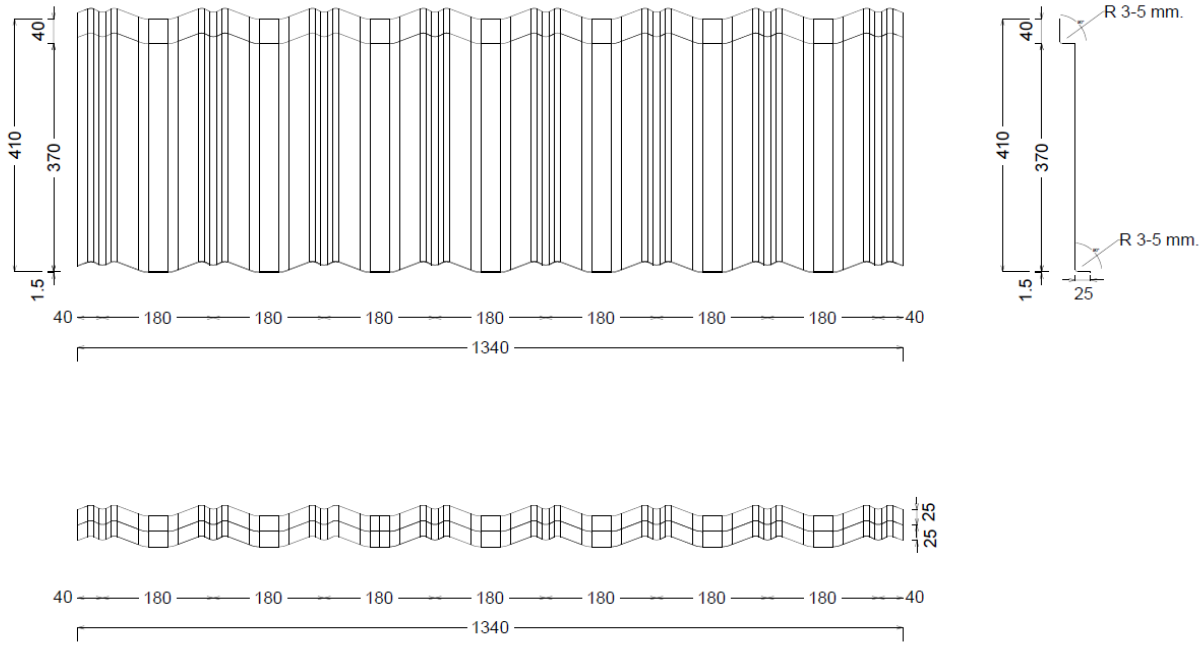
PRODUCT DESCRIPTION

Novatik produces various stone coated metal tile products with the dimensions and installation practices as outlined below. All panels in the Novatik Nature line are manufactured out of 0.45mm thick steel that reportedly has a 250 g/m^2 zinc magnesium coating.

Table 1 – Model Names

Novatik NATURA Classic
Novatik NATURA Roman
Novatik NATURA Slate
Novatik NATURA Wood

Novatik NATURA Classic:



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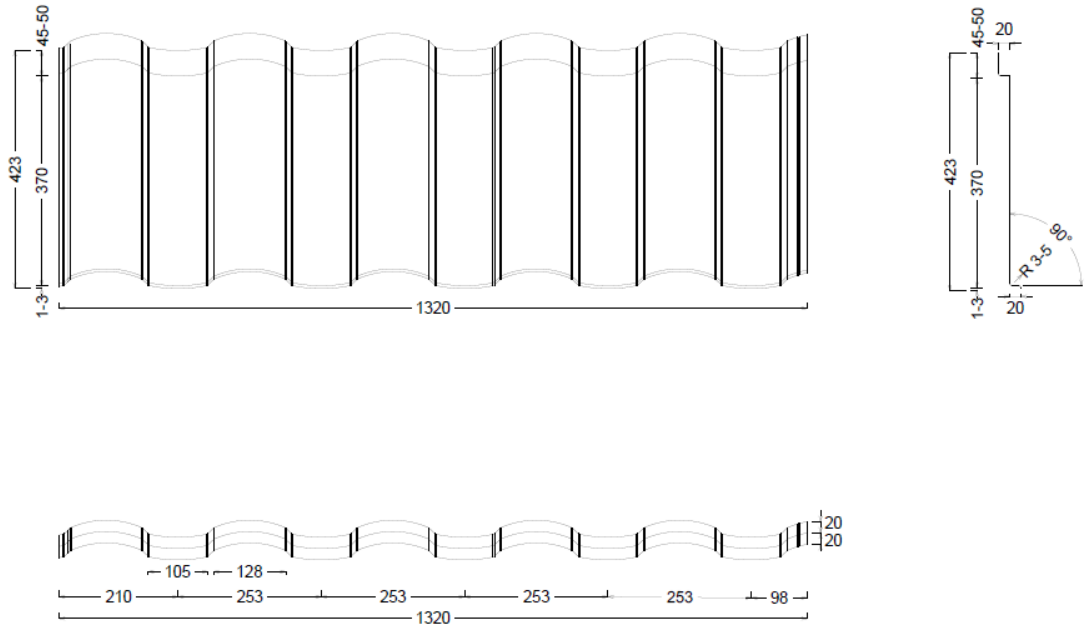
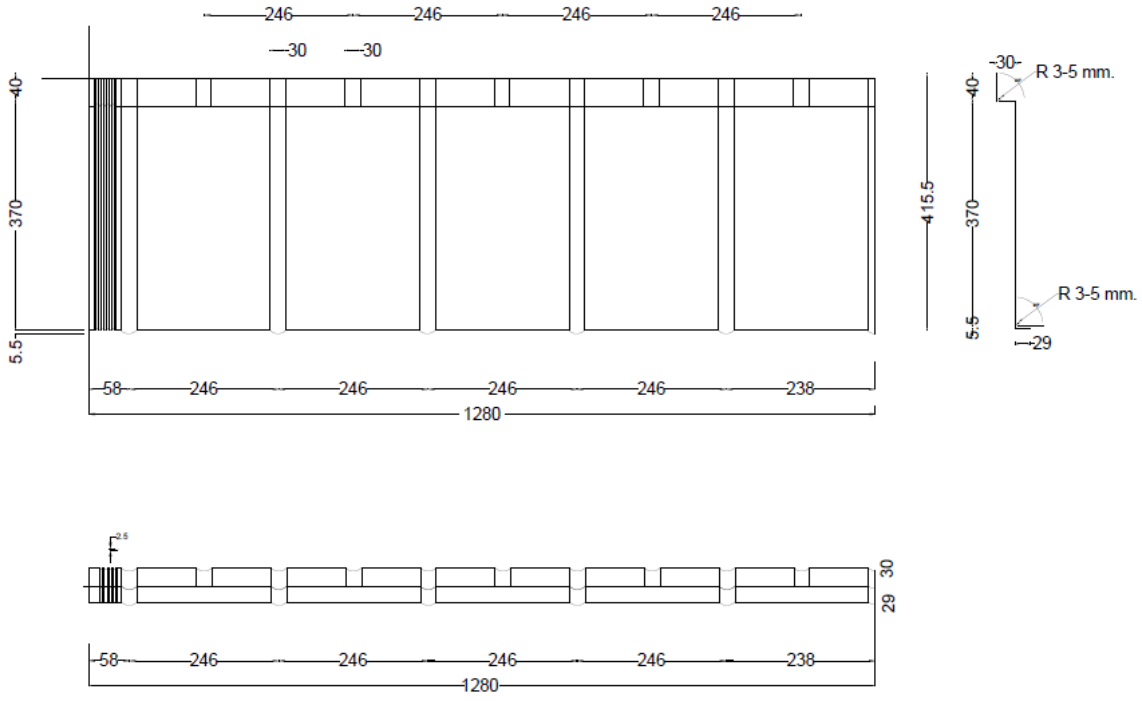
Novatik NATURA Roman:



Novatik NATURA Slate:



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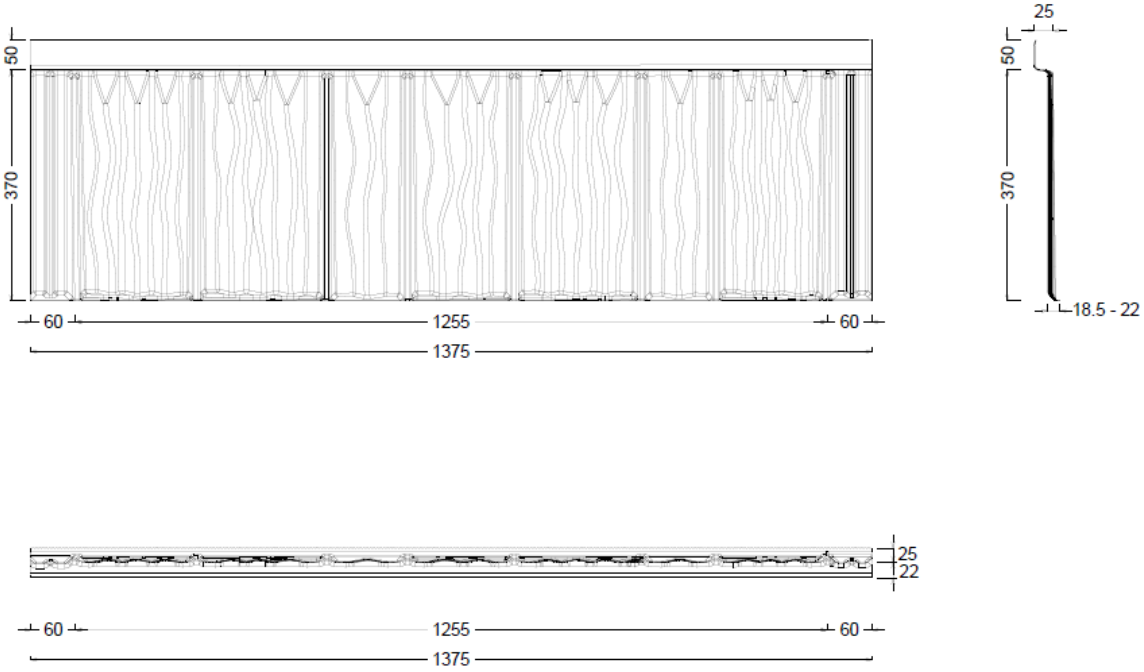
Novatik NATURA Wood:



REFERENCED STANDARDS AND REPORTS

1. QAI Laboratories test report RJ9490P-1 dated July 2, 2024.

ENGINEERING EVALUATION

QAI reviewed the products listed in Table 1 and determined that testing the NATURA Slate and NATURA Roman to UL2218, Class 4 would demonstrate that compliance for the remaining products listed in Table 1. The rationale being that the NATURA Slate is the flattest profile and the Roman is the highest profile to be evaluated. Impacting these panels at the middle of the flattest sections and at the highest peaks would cover any impact location seen in the other two profiles as the worst-case impact locations. All products are made from the same base metal material in thickness and grade.

The NATURA Slate product was tested to Class 4 recognition following the procedures of UL 2218 and found to have met the requirements. The full results of this can be found in the QAI Laboratories report RJ9490P-1, dated July 2, 2024.

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The Roman product was tested to Class 4 recognition following the procedures of UL 2218 and found to have met the requirements. The full results of this can be found in in the QAI Laboratories report RJ9490P-1, dated July 2, 2024.

Based on the compliant testing noted above conducted on the worst-case scenario configurations, QAI considers the remaining products listed in Table 1 to be compliant with the Class 4 Impact Resistance requirements when tested to UL 2218.

<<End of Report>>

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