

Polymer material testing laboratory

Riga Technical University

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TEST REPORT No. 2097

1. Test subject: ***Products' plates***
2. Contracting entity: ***SIA "EcoDeck Profile"***
3. Address of the contracting entity: ***52-81 Lāčplēša street, Rīga, LV-1011***
4. Information about test specimens:
 - ◆ supplier takes its own responsibility about the sampling of the test specimens
 - ◆ 12 types of the products' plates delivered
 - ◆ delivery date: ***01.08.22.***
5. Test task: ***To perform ageing of test specimens for 500 hours in accordance with LVS EN ISO 4892-3:2016***
6. Testing performed: ***03.08.2022 – 25.08.2022***
7. The test report No. 2097 is prepared in the English language on 2 pages
8. 3 eligible copies of the test report No. 2097 are prepared

TEST RESULTS

Products' plates with identification codes *WPC 1÷12* were aged using accelerated weathering tester *QUV/spray* with black panel temperature sensor. 340 nm UVA lamps were used. Irradiation power – 0.89 W/m². Total exposure time – 500 hours at subsequent cyclic regime:

- first cycle 8 hours with switched on UV lamps at 60±3°C;
- after that 4 hours condensation cycle with switched off UV lamps at 50±3°C.

Twice a week frames with the test specimens were rotated for one position. Control and calibration of UV lamps' irradiation was performed using radiometer *CR10*.

After the test the specimens were handed over to the contracting entity.

REMARKS:

Test results correspond to the product, mentioned in the test report
Reproduction of the test report in an incomplete form is not permissible without the permission of the testing institution.

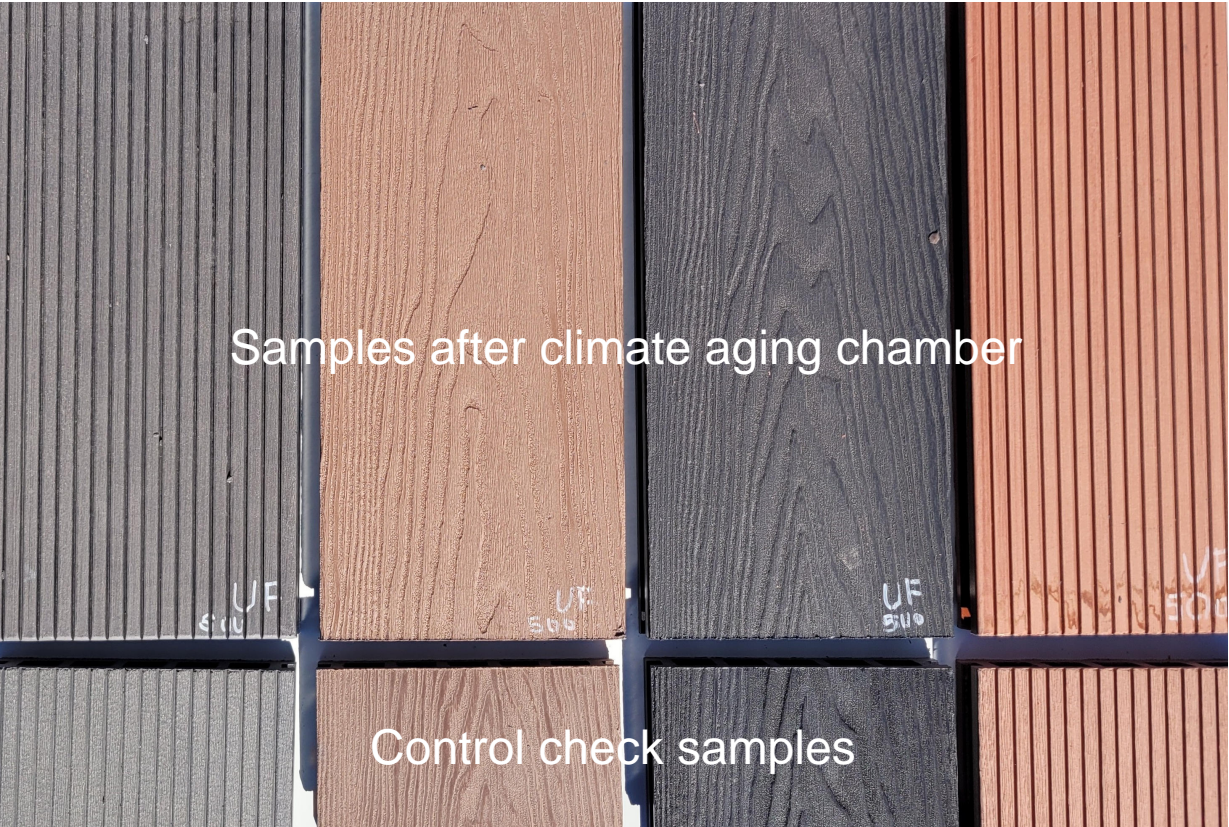
Testing was performed by Researcher of RTU Polymer Material Testing Laboratory
R. Merijs Meri

Head of the RTU Polymer Material Testing Laboratory

30.08.22.



J. Zicāns



Sample #1



Sample #2



Sample #3



Sample #4