

CLIENT: Kinon Surface Design Inc.
2700 Quantum Blvd
Boynton Beach, Florida 33426

Test Report No: TJ7112-2

Date: June 11, 2020

SAMPLE ID: Sample Identified as: **KFR0122 ULTRA CAST**

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI Tulsa on April 21, 2020.

TESTING PERIOD: May 4 – June 4, 2020

AUTHORIZATION: Testing was authorized by proposal 20MA040301R1 signed by Angela Fazioli on April 16, 2020.

TEST PROCEDURE: ASTM D3273-16, Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.

TEST RESULTS: Detailed test results are presented in the subsequent pages of this report.

Prepared By

**Signed for and on behalf of
QAI Laboratories, Inc.**



Rocky Hale
Material Test Technician

Project Manager

Test Procedure and Results

TEST DATA:

The samples were tested as per ASTM D3273-16 and evaluated in accordance with ASTM D3273-16 section 7.3.

Upon commencement of testing, samples were placed in an environmental chamber designed and built to comply with the requirements of ASTM D3273-16, section 4. The samples were maintained in the chamber over a period of 4 weeks with constant monitoring of temperature and humidity, as is required.

The chamber was maintained at 95% to 98% relative humidity and a temperature of 32.5±1°C (90±2°F). The room the chamber is kept in was monitored to control to 21 to 24°C (70 to 75°F), to ensure heat loss from the cabinet is insignificant and that the relative humidity is readily obtained at the specified test temperature. The samples were evaluated once per week, for a total of 4 weeks, for indication of disfigurement by algal or fungal growth.

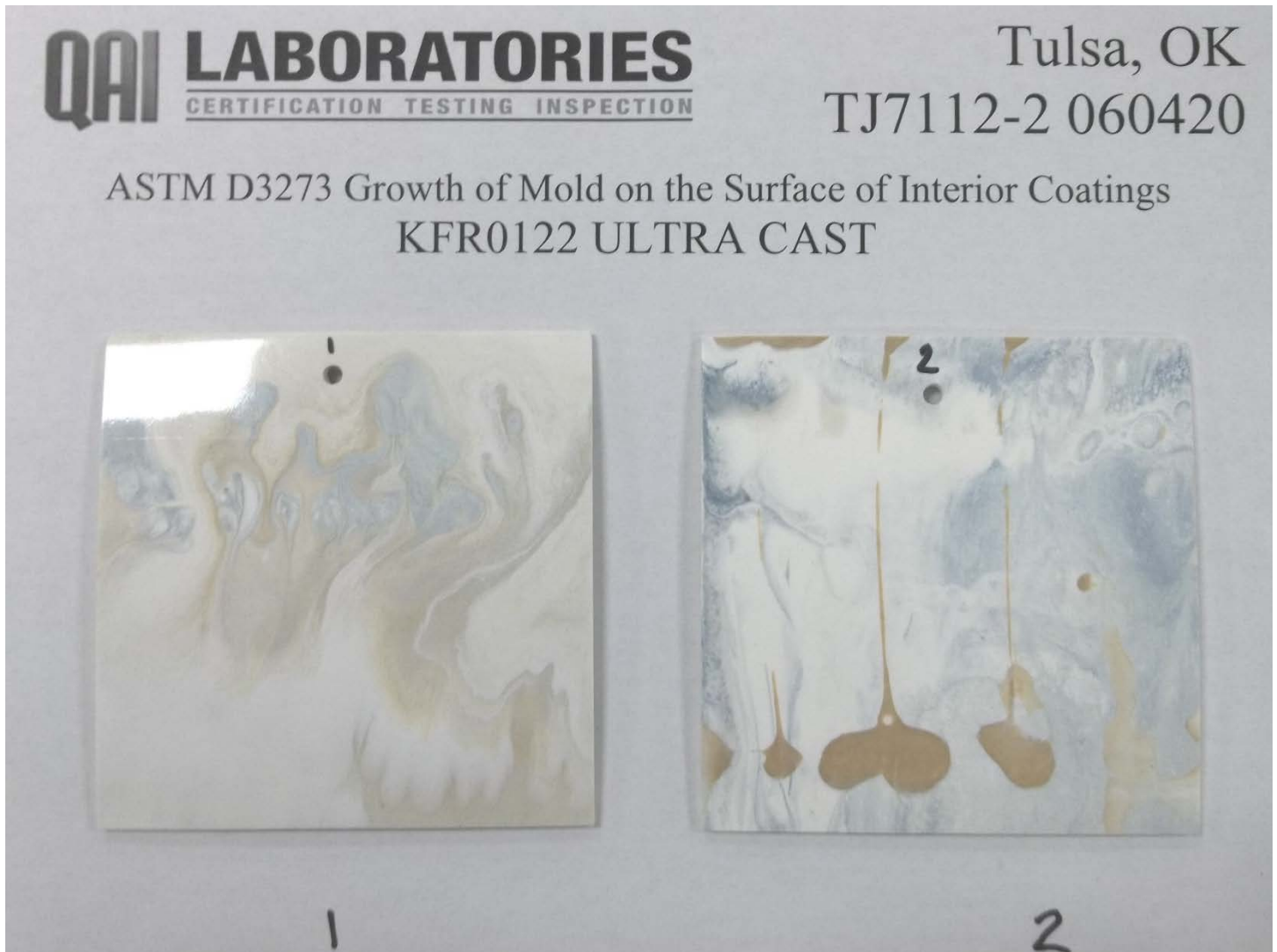
The evaluation is based upon ASTM D3273-16 section 7.3, which provides photographic comparison to known disfigurement standards. The samples are compared to the photographic standards for application of a disfigurement rating. The photographic standards provide for a rating from 0 to 10. A rating of 10 would indicate a total absence of disfigurement by particulate matter.

Sample evaluations are reported in Table 1; photographic evidence appears in Figure 1 & 2.

Table 1-Sample Results

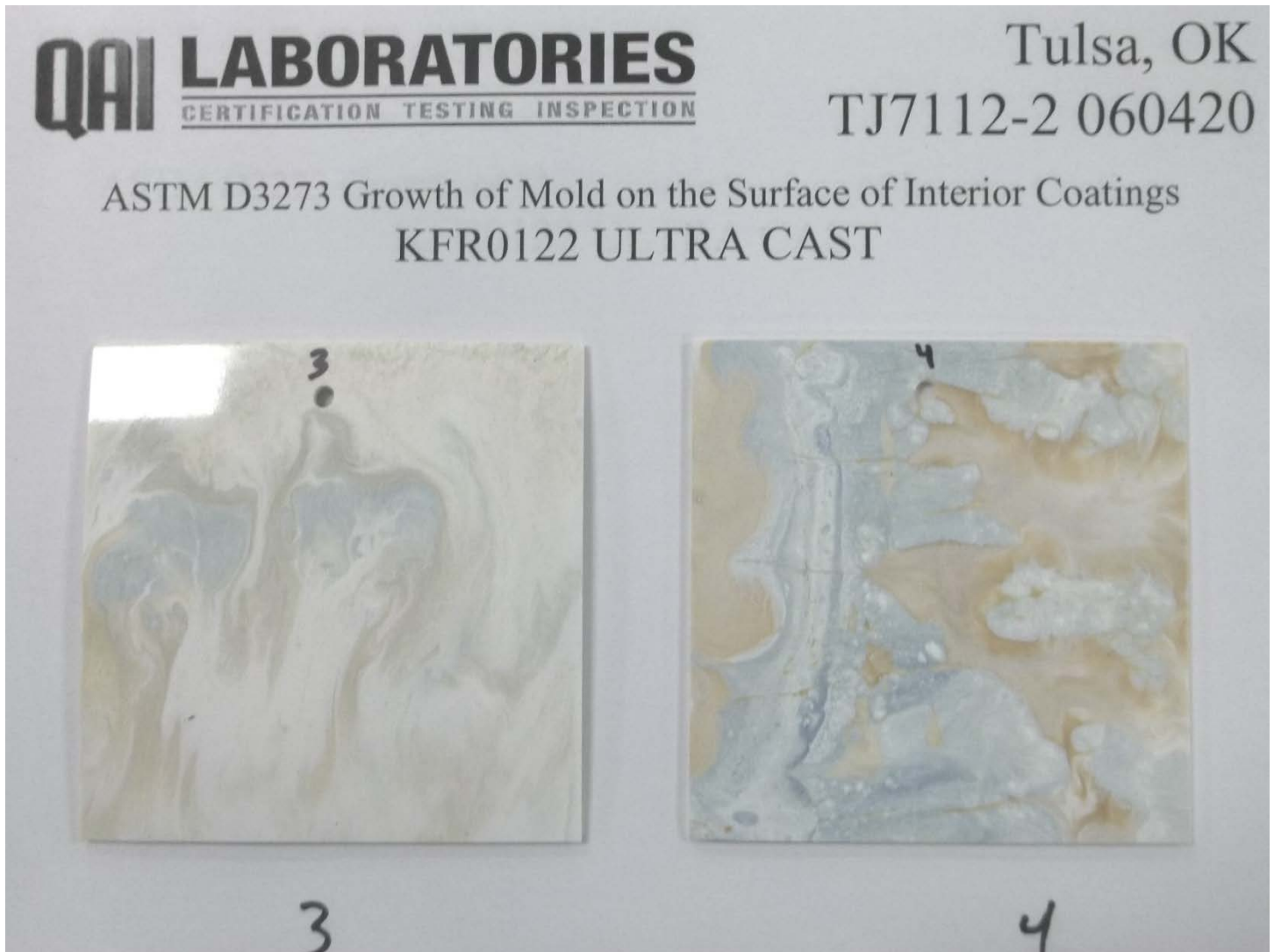
Specimen	Week 1 (5/14) (F / B)	Week 2 (5/21) (F / B)	Week 3 (5/28) (F / B)	Week 4 (6/4) (F / B)
1	10 / 10	10 / 10	10 / 10	10 / 10
2	10 / 10	10 / 10	10 / 10	10 / 10
3	10 / 10	10 / 10	10 / 10	10 / 10
Control	9	8	7	5
Temp. °F	90.6	91.2	89.4	90.3
Humidity %	98	98	97	98

Figure 1



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Figure 2



*** END OF TEST REPORT ***