

SUMMARY DATA
ASTM G155-13 Standard Practice for Operating Xenon Arc Light Apparatus for
Exposure of Non Metallic Materials
Summary Datasheet

Client: Arcitell, LLC
Job Number: AL060920-31

Constructed By: Corissa Frisbie
Test Performed By: Corissa Frisbie
Test Witnessed By: Lucas Ward

General:
Date Received: 9/28/2020
Construction Date: 11/16/2020
Test Date (Start): 11/17/2020
Test Date (End): 2/10/2021

Apparatus:
Weather-Ometer: 02166
Timing: 02166
Conditioning Sensor: 02236

Asset No.

Product Description:

Manufacturer: Arcitell
Trade Name/Designation: Qora Cladding Panel
Material Description: Cladding panel with fiberglass reinforced molding compound and open cell phenolic rigid foam
Specimen Preparation: Cut to 3-in x 9-in Specimens.

Test Data: Non Metallic Material Testing

Conditioning: After specimens were prepared to size, all samples were conditioned at 23 ± 2°C and 50 ± 5% RH until testing began
Weather-Ometer Atlas CI500 Xenon Weather-Ometer
Bulb Used: Quartz jacketed xenon arc lamp
Filter Used: Daylight
Test Irradiance: 0.35 (+ 0, -0.035) W/m²*nm at 340 nm
Exposure Period: 2000 Hours
Cycle #: 1
Cycle Description: 102 min. light at 63°C Black Panel Temperature
18 min light and water spray (air temperature not controlled)

Water used: Water used in water spray was deionized and has a silica content of less than 1 ppm.

Specimen Repositioning: Specimens were removed once for maintenance of chamber.

Per ICC-ES AC92 Section 4.1.4, after exposure there shall be no cracking, checking, crazing, erosion, or other characteristics that might affect performance as an exterior wall covering of any specimen when viewed under minimum 5x magnification.

Specimen Number	Specimen Description	Post Test Observations	AC 92 Section 4.1.4 Pass/Fail
126157	Cladding with small chips along edge from being cut.	Slight discoloration to facing observed. No additional cracking, checking, crazing, or erosion is visible.	Pass
126158	Cladding with small chips along edge from being cut.	Slight discoloration to facing observed. No additional cracking, checking, crazing, or erosion is visible.	Pass
126159	Cladding with small chips along edge from being cut.	Slight discoloration to facing observed. No additional cracking, checking, crazing, or erosion is visible.	Pass
126160	Cladding with small chips along edge from being cut.	Slight discoloration to facing observed. No additional cracking, checking, crazing, or erosion is visible.	Pass
126161	Cladding with small chips along edge from being cut.	Slight discoloration to facing observed. No additional cracking, checking, crazing, or erosion is visible.	Pass

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