

# Notice of Changes to Certification

**To:** All SGCC Approved Labs

**From:** Safety Glazing Certification Council (SGCC)

**Date:** October 28, 2021

**Subject:** IMPORTANT **NEW APPROVED SGCC's Tempered Certification Coated Glass Guidelines**

**Summary of Changes:** Following the SGCC Certification Committee meeting held September 29<sup>th</sup> – 30<sup>th</sup>, 2021 new guidelines were implemented for certifying Metalized Coated glass. This memo includes how this will affect SGCC Approved Testing Laboratories.

## **SGCC Coated Glass Certification REQUIREMENTS:** **New Section – Certified Products Directory Procedural Guide**

In order to SGCC certify tempered glass with a metalized coating (MC) that is applied to annealed glass prior to tempering (reflective, Low E, other), test results for the MC glass must be initially provided to SGCC. MC testing must then occur at least annually thereafter to maintain the MC designation for a particular thickness of product. As per the SGCC guidelines at least twice in each year samples of certified safety glazing material need to be tested to the applicable specification(s). Testing of MC product will satisfy SGCC regular testing requirements (likely one MC test and one non-MC test annually). Certification of an MC product shall cover coated and non-coated product of a given thickness. See Guideline T.3 for further clarification.

Testing shall be with a sputter coating (soft coat) or a pyrolytic (hard coat), at the discretion of the SGCC Licensee. Testing of any coated product shall cover all coated product. During regular twice per year inspections SGCC shall document the generic class of coating to submit (Sputter or Pyrolytic). **The plant shall ship product with the coating identified (as a minimum 'Soft Coat' or 'Hard Coat') (likely by paper label), and the testing laboratory shall measure/validate the coating with the use of a coated glass meter (List of acceptable meters available in the SGCC Laboratory Manual). The presence of a coating shall be included in the SGCC test report.**

### 1. Effect on Test Laboratories (Highlighted above in Blue):

- Laboratories will be required to validate the presence of a coating using a coated glass meter
  - List of meters available in SGCC Lab Manual ([https://www.sgcc.org/file/document/SGCC\\_Lab\\_Manual.pdf](https://www.sgcc.org/file/document/SGCC_Lab_Manual.pdf))
- Coated glass samples should be tested the same as clear and MC glass is not considered asymmetrical.
- An update to your test report format to include the Coating Presence on the samples tested.
  - Using one of the acceptable coated glass meters you will need to include the presence of a coating on the SGCC final Test Report.

### 2. Implementation Schedule for the Plants (You will be seeing a lot more coated glass)

Certification Period	Plants
July 1 <sup>st</sup> , 2021 (L21) January 1 <sup>st</sup> , 2022 (F22)	Continue submitting Metalized Coated (MC) samples <u>in place</u> of Clear for L21 & F22 required SGCC testing to gain MC designation.
<b>July 1<sup>st</sup>, 2022 Certified Products Directory (CPD)</b>	Fabricators that wish to SGCC Certify Metalized Coated (MC) designator within the July 2022 Certified Directory (CPD) <u>must</u> have completed testing. <b>Clear will no longer cover coating unless MC testing has been performed in the prior L21 or F22 testing cycles.</b> MC designator will be included in the Certified Products Directory.
Moving Forward	To maintain MC designator coated glass must be tested at least <b>annually</b> (either F cycle or L cycle).

Best regards,

**Safety Glazing Certification Council**