

**W. W. Schaefer Engineering & Consulting, P.A. (CA #6809)**

7480 150<sup>th</sup> Court North  
Palm Beach Gardens, FL 33418  
Phone (561)744-3424

October 13, 2022

Re: Equivalency statement for AAMA/WDMA/CSA/101/I.S.2/A440, ASTM E1886 & ASTM E1996 testing of the following Kolbe Windows & Doors product:

- Ultra Bi-Fold Doors (Impact & Non-Impact) under FL17176

While the test reports state testing to AAMA/WDMA/CSA/101/I.S.2/A440-11, ASTM E1986-05 & ASTM E1996-12, upon review of that testing, we find that the testing performed on the applicable products referenced here-in also meets the requirements of the current standards AAMA/WDMA/CSA/101/I.S.2/A440-17 ASTM E1986-13a & ASTM E1996-17. Therefore, equivalency of standards has been met & reference to AAMA/WDMA/CSA/101/I.S.2/A440-17, ASTM E1986-13 & ASTM E1996-17 is acceptable.

Sincerely,

**OCT 13 2022**

Warren W. Schaefer, P.E.  
Florida P.E. #44135

