

AMVIC INCORPORATED
 501 McNicoll Avenue
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RE: EQUIVALENCE OF STANDARDS FOR AMVIC INSULATED CONCRETE FORMS OUTLINED IN ICC-ES ESR-1269 AND AMDECK PRODUCTS OUTLINED IN ICC-ES ESR-2312 TO REQUIREMENTS OF THE FLORIDA BUILDING CODE 2014

Quality Auditing Institute Ltd (QAI), an International Accreditation Service, Inc. (IAS) accredited third-party certification agency (PCA-118) for Building Products, including Thermal Insulation and Insulated Wall Panels and Systems, has evaluated AMVIC Insulated Concrete Forms (ICF) and AmDECK Insulated Deck products. The evaluation reviewed existing ICC-ES ESR-1269 and ICC-ES ESR-2312 for the respective products, to methods employed for showing compliance to the International Building Code (IBC) of different issue dates. QAI then compared these methods to requirements for AMVIC ICF, and AmDECK products for compliance to the Florida Building Code 2014.

AMVIC ICF detailed in ICC-ES ESR-1269 has been shown compliant to the IBC 2009 and IBC 2012. AmDECK as detailed in ICC-ES ESR-2312 has been shown compliant to IBC 2009. A summary of testing conducted for IBC approval including year of issue, and requirements for the noted products are outlined in Table 1 below.

SUMMARY OF TESTING CONDUCTED AND REQUIREMENTS AMVIC ICF AND AmDECK

	IBC 2009	REQUIRED	IBC 2012	REQUIRED	FBC 2014	REQUIRED
AMVIC ICF ESR-1269	ASTM E84-07	FSI: ≤ 25 SDI : ≤ 450	ASTM E84-09	FSI: ≤ 25 SDI : ≤ 450	ASTM E84-09	FSI: ≤ 25 SDI : ≤ 450
	ASTM C578-07	Minimum Type II	ASTM C578-08b	Minimum Type II	ASTM C578-08b	Minimum Type I
AmDRY ESR-2312	ASTM E84-07	FSI: ≤ 25 SDI : ≤ 450	-	-	ASTM E84-09	FSI: ≤ 25 SDI : ≤ 450
	ASTM C578-07	Minimum Type II	-	-	ASTM C578-08b	Minimum Type I

AMVIC ICF: The IBC 2012 requirements for ASTM E84-09 & ASTM C578-08b are equivalent to ASTM E84-09 & ASTM C578-08b requirements of FBC 2014. Per ASTM C578, Type II compliance meets and exceeds Type I.

AmDRY : IBC 2009 requirements for ASTM E84-07 and ASTM C578-07 have been compared to requirements of ASTM E84-09 and ASTM C578-08b requirements of the FBC 2014. These standards are considered equivalent. As noted prior, per ASTM C578 Type II meets and exceeds Type I requirements.

Based on the information shown above, AMVIC ICF detailed in ICC-ES ESR-1269 and AmDECK outlined in ICC-ES ESR-2312 are considered to meet the FBC 2014.

If you require further information please feel free to contact the undersigned.

QAI Laboratories Ltd.



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