

April 12, 2023

Mrs. Amber Boyce  
President  
Mono Slab® EZ Form  
4126 Quakie Lane  
P.O. Box 371


ESR-4106  
Please reference this number on all  
correspondence

Dear Mrs. Amber Boyce:

In regard, to ESR-4106 Section 2.0 *Uses and Section 5.0 (5.6) Conditions of Use*, it is not the intent of the evaluation report to limit use of Mono Slab® EZ Form – Frost Protected Shallow Foundation Forming System (Mono Slab® EZ Form) to heated spaces. As noted in the evaluation report the forms must be installed in accordance with IRC Section R403.3. Reference to IRC Section R403.3 is inclusive of all subsections. Due to how the report is worded we can see where there can be confusion; however, the intent of the report in the referenced sections are as follows:

- Mono Slab® EZ Form system can be used to construct frost-protected shallow concrete footings, slabs-on-grade, or suspended floor foundation for heated, unheated, and semi-heated structures. While the report does not explicitly state IRC Sections R403.3.1, R403.3.1.1, R403.3.1.2 and R403.3.2, since these are subsections of IRC R403.3, the principles and practice outline in these sections are applicable for use and installation of the Mono Slab® EZ Forms system.
- ESR-4106 Section 5.6, under conditions of use, is not intended to limit use of the product to areas that have a mean monthly mean temperature maintained at **not less** than 64°F (18°C). Areas where the monthly mean temperature is maintained as **less than** 64°F (18°C) need to be designed and installed in accordance with IRC Figure R403.3(3) and Table R403.3(1), which must be based on each individual site. Therefore, the design and installation requirements are outside the scope of the ICC-ES evaluation report. However, ESR-4106 coupled with an engineer's design and installation requirements in accordance with IRC R403.3(1) and Figure R403.3(3); and/or the principles and practice outlined in ASCE 32 *American Society of Civil Engineers Design and Construction of Frost-Protected Shallow Foundations* for a specific site should permit use of the Mono Slab® EZ Form system.

Please note the current open revision project for ESR-4106 will add clarifying language regarding use and the condition of use noted in 5.6 will be removed from Section 5.0 and clarified in Section 4.0 to clearly state that use of Mono Slab® EZ form system in unheated



and semi-heated structures is permitted when designed in accordance with IRC Section R403.1.1 and ASCE 32, as applicable to help eliminate the confusion.

Please be advised that this response from ICC Evaluation Service, LLC (ICC-ES) is based on the specific versions of the ICC codes noted in the subject evaluation report and do not include local, state, or federal codes, policies, or amendments. This opinion is based on the information which has been provided. We have made no independent effort to verify the accuracy of this information, nor have we conducted a review beyond the scope of your inquiry. This opinion does not imply approval of an equivalency, specific product(s), specific design(s), or specific installation(s) not specifically stated in the scope of the subject evaluation report. As this opinion is only advisory, the final decision on acceptability and approval of use resides with the designated authority charged with the administration and enforcement of the code.

Should the building official have any additional questions, please feel free to provide them with my contact information. I can be reached at (800) 423-6587, extension 5232, or by e-mail at [ameadows@icc-es.org](mailto:ameadows@icc-es.org).

Respectfully,

A handwritten signature in cursive script that reads "Anika C. Meadows".

Anika C. Meadows, P.E.  
Manager of Technical Competency