Nichiha products may not be installed directly over Insulated Concrete Forms (ICFs). Past product performance issues related to ICF installations led to this overall policy. Further, our product/building code evaluations, testing, and certifications do not include ICFs within their scope.

However, an Architectural Wall Panel (AWP) installation on ICFs coupled with FERO Cladding Support can be viewed as a standard application to metal framing/furring.

The FERO ICF-Masonry Veneer Ties must be embedded into the ICF prior to the concrete being poured. Therefore, this limits AWP applications to new construction in progress as the approach cannot apply to already-completed ICFs.

The FERO ICF-Masonry Veneer Ties must be arranged to support the vertical 16 gauge metal angles offered by FERO. The vertical spacing of the ties is determined by FERO in consideration of engineering requirements (cladding dead loads and project/site specific wind loads). The horizontal spacing of the ties and vertically-aligned 16 ga. angles must be at 16” o.c. to support horizontal installation of Nichiha AWP. For AWP in a vertical orientation, please contact the Nichiha Technical Department.

Please review the following document and contact FERO for questions about their product(s): https://www.ferocorp.com/technical_notes/Cladding_Support.pdf

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