



ICC-ES NEWS RELEASE

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ISAT Blue Banger Hanger First to be Evaluated to Requirements of New ICC-ES Acceptance Criteria AC446

[ICC Evaluation Service](#) (ICC-ES) has issued an evaluation report ([ESR-3599](#)) to International Seismic Application Technology (ISAT) for their Blue Banger Hanger. This is the first product to be evaluated to the new ICC-ES acceptance criteria for headed cast-in specialty inserts in concrete (AC446). The Blue Banger Hanger PIP poured-in-place and SDI steel deck cast-in-place headed inserts for use in cracked and uncracked concrete are alternatives to structural cast-in anchors under the 2012, 2009 and 2006 [International Building Code](#)® (IBC) and [International Residential Code](#)® (IRC).

“As the industry develops new and innovative products not included in the [International Codes](#), ICC-ES works diligently through the ICC-ES [Evaluation Committee](#) and with the industry to develop acceptance criteria for these products,” said ICC-ES President Shahin Moinian, P.E. “Manufacturers are able to bring their products to market quickly with the assurance of a rigorous technical evaluation.”

The ISAT PIP concrete inserts are used to resist static, wind, and seismic tension and shear loads in cracked and uncracked normal-weight concrete and sand-lightweight concrete. The ISAT SDI steel deck concrete inserts are used to resist static, wind, and seismic tension and shear loads in the soffit of cracked and uncracked normal-weight concrete and sand-lightweight concrete on metal deck.

“Through its expedited program, ICC-ES evaluated our product quickly and thoroughly,” said Al LaRoche, Vice President – Engineering, International Seismic Application Technology. “Input from the reviewing ICC-ES engineers provided added value to the report content. We are pleased to show that our product meets the most current code requirements and look forward to working with ICC-ES again.”

These specialty inserts may be installed in regions of concrete where cracking has occurred or where analysis indicates cracking may occur, subject to the conditions of ESR-3599. They may also be used to resist short-term loading due to wind or seismic forces in locations designated as Seismic Design Categories A through F of the IBC, subject to the conditions of ESR-3599.

About ICC-ES

A nonprofit, limited liability company, ICC-ES is the United States’ leading evaluation service for innovative building materials, components and systems. ICC-ES [Evaluation Reports](#) (ESRs), [Building Product Listings](#) and [PMG Listings](#) provide evidence that products and systems meet requirements of codes and technical standards. The ICC-ES Environmental Programs issue VAR environmental reports

that verify a product meets specific sustainability targets defined by today's codes, standards, green rating systems and ICC-ES [environmental criteria](#). The Environmental Programs now offer Environmental Product Declarations ([EPDs](#)), to meet global market demand for science-based, transparent, quality-assured information about a product's environmental performance. ICC-ES is a subsidiary of the [International Code Council](#)[®] (ICC[®]). For more information, please visit www.icc-es.org.

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