

BI-MIRTH to Feature 2 Highly Acclaimed Construction Screws at Taiwan International Fastener Show



The Taiwanese manufacturing supply chain has made quite a presence worldwide in recent years. Bi-Mirth as a part of that chain is geared up and is all in on certification update and new product rollout. Now it has turned into an irreplaceable brand in the global construction market. In June, the international fastener show in Kaohsiung is set to unveil and Bi-Mirth will be featuring two highly acclaimed products there. The company is also announcing the latest development of its carbon inventory as well as future product R&D.

 **2024 Taiwan International Fastener Show**

Booth No: **N2218** (June 5-7, 2024)

Highlight 1: Timber-Concrete Connector Screw Top Choice for Old House Renovation

This screw which connects beams and columns to concrete is for old houses that need to be renovated. Wood has high tensile (elasticity) and shear resistance (uneasy to break), while concrete has high compression resistance. Constructing buildings with timber-concrete connector screws can utilize the advantages and prevent the displacement of both the building materials, and provide better sound insulation. Bi-Mirth observed a high demand for renovation due to the existence of many old houses and therefore developed a well-suited solution to connect concrete to wood. Plus, Bi-Mirth acquired the ITT test report this March and this screw is expected to pass ETA certification right before or just after the Kaohsiung show!



Strengths Leveraging Under Conservative Market Climate

The company observed three factors that have turned the global construction market investment conservative. The first one is high interest rates. Second, 2024 is a super election year, and third, fastener stock level is still high at the locations of American and European clients. Inflow of orders to Taiwan is estimated to improve in mid-2025. No matter what, the company will take advantage of its thorough knowledge of JIS, EN, ASTM standards and CBAM regulations, and provide clients with advice on production methods and product applications to help save the use of molds and reduce costs.

Bi-Mirth also pointed out that in the past, Taiwanese fastener companies focused on high added value and production cost reduction. With high global awareness of carbon reduction, it is mandatory to consider the environmental impact of product development to ensure that cost reduction complies with environmental protection requirements. Balance must be found between pursuing high added value, reducing production costs and complying with environmental protection requirements. Looking forward, Bi-Mirth will exhibit at the Kaohsiung and Sydney shows and it looks forward to discussing new carbon reduction technologies and carbon border regulations with overseas visitors to set the stage for "Green Bi-Mirth 2.0"! ■

Highlight 2: Seismic Screw

The strong earthquake in eastern Taiwan this April attracted international media attention and led to discussions on the safety of buildings' seismic design. In fact, as of April 2024, there have been two magnitude 7.0+ earthquakes, and last year there were five magnitude 6.0+ earthquakes (in Turkey, Morocco, Japan, Philippines, and China). Every year, strong earthquakes cause heavy casualties in different corners of the world. Bi-Mirth's wood construction screws have passed seismic tests and can bring higher safety to building structures around the world.

Bi-Mirth Carbon Inventory Covers Scope 1 to 4

Bi-Mirth's carbon inventory calculates carbon emissions from its four factories as well as upstream raw material plants, covering scope 1 (direct emissions), scope 2 (indirect energy emissions), scope 3 (indirect emissions), and even scope 4, which is emissions from purchased electricity, tap water, gasoline and diesel, and emissions from solid and liquid waste treatment. The current progress is 50% completion, and the goal is to pass ISO 14064 certification.



Timber Concrete Shear

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