



# SHEH KAI Double Heat-treated Cement Threaded Anchor

## ICC Certified and Highly Acclaimed in North, Central, South America!

世鎧雙熱水泥螺紋錨栓 通過ICC認證 北中南美客戶激推按讚！

### Sheh Kai Precision

started out with premium bi-metal screws and bi-metal anchors, and then branched out to concrete fastening. It has successively developed large carbon steel concrete anchors and bi-metal stainless steel anchors, as well as the exclusive double heat treatment technology to precisely handle hardness distribution and increase product safety and service life. Now it is announcing that the double heat-treated cement threaded anchors have passed ICC certification. These anchors come with hole-drilling diameters ranging from 1/4" to 3/4", covering all common sizes on the market.

### 8 Features to Catch Eyes from the Americas:

- 1. High strength:** fixed firmly in cement and other hard materials.
- 2. Easy to install:** only needs to use one screwdriver or electric screwdriver in most cases.
- 3. High tensile strength:** withstands external tensile and maintains a stable connection.
- 4. High seismic performance:** remains stable under earthquakes or other vibrations.
- 5. Versatility:** Shallow to deep embedment options to cope with various applications such as fastening building structures, mechanical equipment, pipelines, etc.
- 6. Reliability:** provides reliable fixation. Hard to loosen or fail.
- 7. Adaptability:** Suitable for cement edge and close-range installation.
- 8. Removability:** This product is completely removable.



The double heat-treated cement threaded anchors have made it into the North American market. They are also purchased by many customers in Central and South America. According to customer comments, this product helps save a lot of manpower during installation. Furthermore, the ICC certificate helps Sheh Kai eliminate competition from low-end products and improve the company's market competitiveness.

### Significant Progress Continues with ETA Certification Cement Bolts

Sheh Kai has completed the ETA C1 seismic test and started writing an evaluation report. Soon, the company will pass this certification. ETA certification already includes seismic tests but these are simulated using non-cracking cement and do not provide safety data for installation to cracked cement. The C1 grade seismic test comes into play to evaluate product safety data when there is a 0.5mm crack. Getting verified by this test will expand product applicability. The company said the reason for applying for the certification is to give customers confidence in the products. Providing certified data allows architects to design buildings based on proof, ensure safety and avoid risks of users' misuse.

### Bi-metal Screws

The company has completed the ETA test and assessment report for this product, along with the audit completed in March 2024. The report is on its way to the certification authorities of EU member states for approval. The certification clearly defines the safety data of existing products and systematically provides the data to architects. This strengthens customer confidence and provides correct data to avoid risks of users' misuse.

### Equipment Upgrade and Carbon Inventory Sheh Kai Goes Green for Potential Business Opportunities

The company revealed it has completed carbon inventory and will apply for certification to verify the inventory data. Currently they use energy-efficient air compressors, improve the insulation performance of building structures, and use more energy-efficient equipment



and machines. Sheh Kai is reducing greenhouse gas emissions and energy consumption in the manufacturing sector by improving manufacturing processes, increasing resource utilization efficiency, and using cleaner manufacturing technologies.

The company observed stock level is still high at European customers' locations, but the customers are slowly coming back to purchase from Taiwan. Sheh Kai is using the void to upgrade its ERP system and equipment, focusing on carbon reduction and carbon inventory of the manufacturing process to make full preparations for future full implementation of CBAM and economic recovery. ■

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