

## CCEWOOL® HTIW Shapes for Lead-Free Tin Spraying Machines

CCEWOOL® HTIW Shapes are high-performance vacuum-formed products made from premium alumino-silicate fiber cotton. Designed for use in lead-free tin spraying machines, these custom-shaped components provide exceptional thermal insulation, mechanical strength, and long-term durability. Different binders and additives are selected based on specific performance requirements, ensuring reliable operation under extreme conditions.



### Electric Heating Plate

Temperature: 1500°C

Density: 350 kg/m<sup>3</sup>

Application Industry: Lead-Free Tin Spraying  
Machine Heating Plate

Application Area: Resistance Wire Insulation and  
Thermal Protection

Treatment Method: Hardening Treatment

### Characteristics:

Low Shrinkage;

High Thermal Insulation;

Lightweight & Impact-Resistant;

Wear & Spall Resistance;

Non-Wettability with Molten Metals.



**Application:**

**Spraying Nozzle Insulation:** Provides thermal insulation around spraying nozzles, ensuring precise and consistent tin spraying.

**Molten Tin Tanks & Linings:** Acts as thermal insulation for molten tin containers, reducing heat loss and maintaining stable operating temperatures.

**Heating Chambers:** Used as lining material in high-temperature heating chambers, improving energy efficiency and operational safety.

**Thermal Barriers & Shields:** Protects sensitive components from extreme heat and prevents unwanted heat transfer.

