

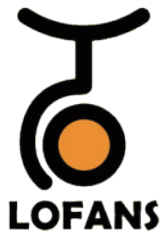
LOFANS Energy Saving Heat Insulation Brick / Moisture Adjustment Brick

Heat insulation, energy saving,
creating a cozy life



鉦翰陶瓷

ZHENG HAN
CERAMICS INC.



About Zheng Han Ceramics

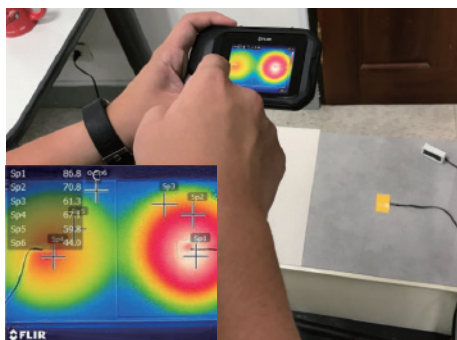
Since its establishment, Zheng Han Ceramics Inc. started getting involved in the traditional ceramic tile business and deeply committed to the research development of environmental green building materials and products, due to its emphasis on eco-friendly values, hoping to make a contribution to earth's ecology.

Reverse the use of traditional tiles, using natural insulation minerals to manufacture heat insulation and energy saving tiles, creating porous ceramics which have heat insulation, energy saving features that could deodorize and are quite durable. Not only could this product adapt the greenhouse effect, but also maintains aesthetic design, which break away from the traditional tile framework, generating unlimited value. Furthermore, the manufactured goods also pass through the standards of Taiwan Green Building Material Mark.

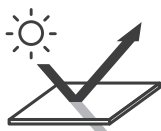
Energy Saving Heat Insulation Brick

Layering a protective cover for the house

Blocking heat during the summertime, improving the "thermal bridge / heat bridge" effect. Preserve heat during the wintertime, preventing the "thermal bridge / cold bridge" effect.

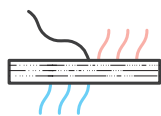


▲ By conducting actual experiment, heating LOFANS energy saving brick (Left) and normal generalized brick (Right) for 100 minutes, the temperature difference could be up to 15 degrees Celsius, which could effectively reduce the indoor temperature within the building.



Reflection

The product will not absorb too much heat when it is used under scorching sun.



Blocking effect

Tiny particles within the ceramics have the characteristics of numerous air gaps, which is effective in blocking energy from conducting a path.



Weather resistant (long term)

After undergoing high temperature sintering process, the product is resistant towards long term exposure to sunlight and rain.



Waterproof and stain proof

The surface is easy to clean and has characteristics of stain proof and weathering.



▲ There are various types and specification.

Moisture Adjustment Brick

Taking care of your family members

The moisture adjustment brick absorbs the moisture when the humidity is too high indoors. The moisture adjustment brick releases the moisture when the humidity is too low indoors.

▼ There are various types and specification.



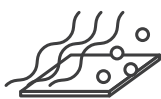
The function of adjusting the humidity

It has the function of storing and releasing water molecules to adjust the humidity of surroundings.



Keep away from harmful substances

Could absorb and reduce the harmful substance that are lingering around within the atmosphere.



Absorb unpleasant odor

Able to absorb unpleasant component of the odor, which could greatly eliminate the appalling odor of the living surroundings.



Simple maintenance

Vacuum cleaner could be used to suck the dust off the brick, which makes it easy to clean.

Sustainable Environment

Zheng Han Ceramics is able to maintain sustainable and eco-friendly friendly earth and create a carbon reduction and energy saving living environment with the energy saving heat insulation brick. The enterprise is committed to combat against global warming with practical actions, creating the first ever product able to reduce carbon within the tile industry sector, which leads to lowering the temperature for Taiwan, creating a low carbon lifestyle.

