## Carbon Wave® Energy Saving Sheet (Building Material)

Jointly developed by OHGI and the Faculty of Science and Technology, Ryukoku University



Energy saving wallpaper with a carbon shee

Energy saving of 50% (winter) and 85% (summer) by using carbon sheet!

Energy saving sheet for buildings and homes.

Just create energy!

Create an energy efficient office by lining walls in your building with Carbon Wave Sheet.

Just stick it on!

Easy home remodeling with great energy saving.

Partition

No need for installation work. Just place one the floor and you will see the difference - greater efficiency in heating and air-conditioning.



Flooring/ceiling material

Wallpaper

Replace at the time of tenant changeover; drive up heating/air-con efficiency.

Patented under application in the USA and China



November 25, 2011 (reported in Chunichi Shimbun, newspaper)



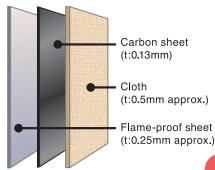
Designated as 2011 Kyoto Eco Style Product



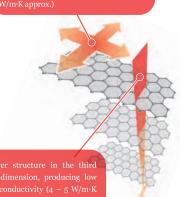
Awarded 2012 Low Carbon Leader Prize

## Carbon Wave Sheet: Special Features

- \* Provides high insulation and evenness in room temperature
- \* Stores heat coolness effectively
- \* Thin and flexible
- \* Absorbs substances that cause sick house syndrome
- \* Light compared to other insulation materials  $(175 g/m^2)$
- \* Fireproof (high ignition point)
- \* Regulates humidity and prevents condensation.
- \* Has deodorizing effect because it is made of carbon powder



dimensions, producing greater thermal



Multi-layer structure in the third