

Information on TiO₂

And A good Saturday afternoon to you my freind, message received and noted, excellent range of pictures and comments. Quick question, are the Japanese able to provide any 'testimonials' from the building owners, councils or 'others' to support our marketing campaign?

How do we get some more info on those 'tiles' that allow the water to permeate?

Obviously the first part of the rain washes the residue off but I'm not sure why they want the tiles to allow the water through, is it to reduce the run off back into the drainage system? If you have any more info here that would be very helpful.

Ian: <http://www.zhanyi.com.tw/tio2/e->

[new_page_15.htm#Germ%20restraining%20&%20germ%20killing](http://www.zhanyi.com.tw/tio2/e-new_page_15.htm#Germ%20restraining%20&%20germ%20killing)

Ian: TiO₂ is not harmful to health by the verification of American Food & Drug Administration (FDA) and further certification through application as food additive in various industries.

1. Food industry:

?1?food processing :as white additive color substance?

?2?food freezing :used in freezer & cold storage car through TiO₂ air convection treatment machine. It may effectively restrain acetaldehyde consistency to prevent the fruits & vegetables in the freezers & cold storage cars from early ripe & rotting. And prolong their fresh time.

2. Every day life commodities : cosmetics: isolating cream, UVA prevention make-ups, ?restraining UV in the sunlight from activation to avoid its direct contact with the skin?.

3. Medical industry: internal medicine (for stomach) and anti-cancer (photochemical method).

4. Aquaculture: fish cultivation and nursing room ?the effect of killing germs & killing algae?.

5. Light catalyst: oxyhydrogen gene (OH) produced by TiO₂ on accepting light has reacted with the organic material in the air and non-poisonous inorganic material is produced.

Ian: According to European & American lab experiment, the deodorization power of TiO₂ is 150 times as strong as that of effective fabric active carbon on every CM², which is equal to 500 active carbon fridge deodorant.

the pollution sources resulted from technology progress:

Ian: <http://permapave.com.au/products/pavers.htm>

Ian: Note that the above company is located in Brisbane, so it may be an interesting contact. I'm not sure about the process, if the TiO₂ coating is applied on a surface I would 'assume' that it would make the surface impervious as opposed to what is promoted with the tile, any thoughts?