



PRESS RELEASE

Breathe freely with photocatalysis –

Frankfurt/Main, August 8 2012 – Photocatalytically active house paints and paving stones improve the air quality of cities.

The inhabitants of cities and urban areas have to struggle with air pollution every day. Especially nitrogen oxides, which are formed by the combustion of fossil fuels in automotive engines but also by home heating, are very harmful. These pollutants do not only affect the health, they are in addition involved in the formation of ozone and summer-smog.

Solutions to this problem are photocatalytically active building materials such as house paints and paving stones. Their effect is due to a special titanium dioxide (TiO_2), whose function has been approved by long-term laboratory and field tests. In addition to nitrogen oxides, various other pollutants such as sulphur dioxide (SO_2), ammonia (NH_3), carbon monoxide (CO), solvents, formaldehyde or different fats and acids are decomposed by the photocatalytically active building materials.

Thus, in areas with heavy traffic pollutants can be decomposed directly where they are released by the use of photoactive paving stones and house paints.



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