

Long-lasting effect

Photocatalytic Coating

Repeated adsorption and decomposition.

Indoor Coating Agent



内容量 1L



5L/10L/20L

Antibacterial
Deodorizing

HCHO
Measures
against
sick house
syndrome

環境浄化の光触媒
NANOEST
可視光応答型アパタイト被覆二酸化チタン

Decomposes formaldehyde

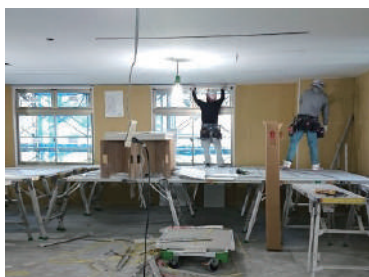
NANOEST

FO

By coating the interior, organic substances such as formaldehyde, which are the cause of the problem, are decomposed by photocatalytic action. Typically, it takes more than five years for formaldehyde emissions to decrease, but by applying this photocatalyst, it begins to take effect immediately after new construction or furniture replacement. It maintains a clean environment over the long term. Even in low-light areas, apatite adsorbs bacteria and odor sources, and when exposed to light (such as sunlight or indoor lighting), titanium dioxide immediately decomposes and removes them.



Cough, headache, dizziness, nausea



Building materials, adhesives, and furniture



Cigarette smell



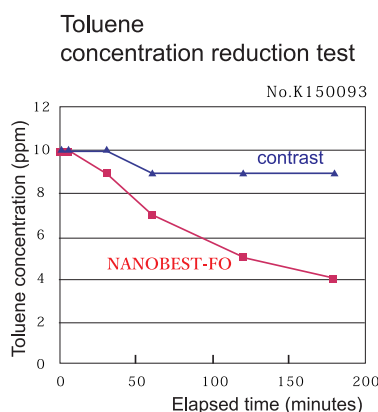
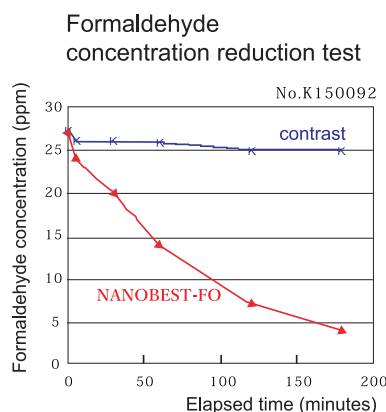
Ammonia smell

Formaldehyde

It is a chemical substance mainly used as a raw material for synthetic resins, adhesives, paints, and preservatives.

Sick building syndrome

Formaldehyde can irritate the mucous membranes of the eyes, nose, and throat, and may cause symptoms such as coughing, runny nose, headaches, and dermatitis.



Major indoor and environmental pollutants originating from building materials such as housing materials

Source	Pollutant
Plywood products (closets, ceilings, walls, furniture, flooring, etc.)	Adhesives (formaldehyde), insecticides (fenitrothion, oxime, etc.) Preservatives (CCA: chromium-copper-arsenic compound mixture)
Wallpaper and Paint	Plasticizers (phthalate esters, DOP, DBP, etc.), solvents (toluene, ethyl acetate, etc.), flame retardants (TCEP), adhesives (unreacted formaldehyde), etc.
Tatami mats and flooring	Tatami insect repellents (fenitrothion, fenitrothion, diazinon, naphthalene), PVC resin flooring plasticizers (phthalate esters, DOP, DBP, etc.), Composite wood adhesives (formaldehyde)
Carpet	Insect repellents (Diazinon, Fenitrothion, DEET, etc.)
Underfloor/Foundation	Termite control and insecticides (chlorpyrifos, oxime, Basta, trichlorfon, pyridafethion, S-421, etc.), preservatives (creosote, CCA), organic detergents
Fireproofing and insulation materials	asbestos, fiberglass, freon