Suminoe Textile Co., Ltd.

Indoor environmental interior that adsorbs and decomposes four major types of odor.

TRIPLE FRESH®I

Features

- Formaldehyde that causes the sick house syndrome is adsorbed and decomposed by the chemical reaction and the catalytic action.
- Quietly deodorizes four major unpleasant household odors from cigarettes, garbage and other sources 24 hours a day, while restoring its deodorizing effect at the same time. Pet odor is adsorbed and decomposed.



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Water

Energy saving/Energy

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Energy storage/Energy creation

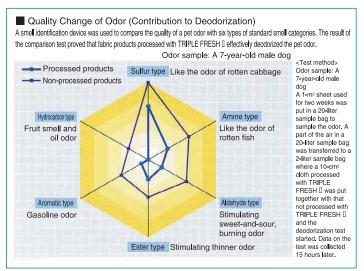
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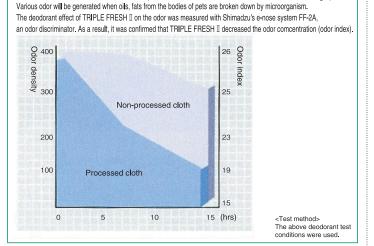
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Overview (Technical principles, actions, etc.)

- ●TRIPLE FRESH_●I consists of a metal salt that utilizes for the catalytic action to perform cycle deodorization and a highly safe nitrogen compound that utilizes chemical reaction to perform initial formaldehyde deodorization.
- When odor causative agents present in the atmosphere come in contact with carpets, curtains, or wallpaper processed with TRIPLE FRESH. I, the carpets, curtains, or wallpaper will deodorize the odor.



Alleviates Pet Odor



Deodorant Test of Pet Odor (Odor Concentration vs. Odor Index Change)

Demonstrated by the Latest Odor Measuring Instrument

Introductory Track Record

- A large number of tile carpets and roll carpets processed with TRIPLE FRESH®II were delivered to major hotels, office buildings, and commercial facilities.
- A large number of rug mats, one-piece carpets, curtains, and wallpaper processed with TRIPLE FRESH®II were sold for general household use.
- A large number of automobile interior decorative materials, such as seat covers and ceiling materials, processed with TRIPLE FRESH® II were adopted.
- Many Tispa_® series home-use deodorizers have been sold as "real deodorizers that deodorize without disguising odors with scent."

Effects

◎TRIPLE FRESH_®II is an environment-friendly deodorant processing technology that deodorize odor without using light or electricity.

It decomposes formaldehyde, which is one of the causes of "sick house syndrome," cigarette smell, pet smell, aging odor and other unpleasant household odors into water, CO_2 and other harmless substances. It keeps deodorizing quietly, 24 hours a day, while restoring its deodorizing effect at the same time.

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*Note: This publication introduces examples of technologies and products believed useful towards solving environmental and energy issues. In no way does it constitute guarantees concerning their transfer or sale.