

SHARP

Be Original.

Workspace
PROCAT[™]
Disinfect Coating Service

**9 TO 5
PROTECTION
IS NOT ENOUGH.
REAL DISINFECTION
WORKS NON-STOP
THROUGHOUT
THE YEAR.**



ANTI-MICROBIAL



DEODORANT



ANTI-FUNGAL



ANTI-FOULANT

WORKSPACE PROCAT

REACTS TO

- VISIBLE LIGHT
- SUNLIGHT

Sharp Technology enables Workspace Procat – Disinfect Coating Service to work effectively as:

- ✓deodorant
- ✓antibacterial
- ✓antifoulant
- ✓antifungal

How it works:

Photocatalyst is a liquid sprayed on surfaces – which when exposed to Light Energy, generates strong oxidization and decomposition power to deactivate virus, bacteria, mold, removes odor and other harmful substances. During this chemical reaction, photocatalyst is neither consumed nor altered.

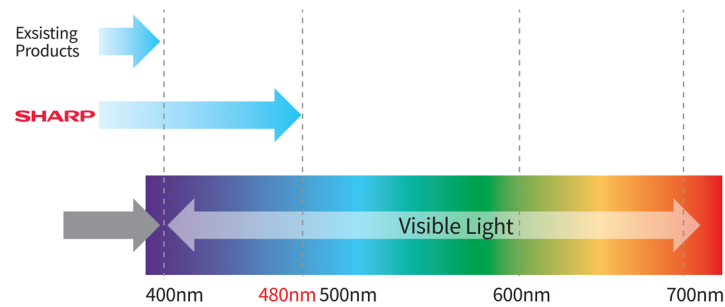


SUNLIGHT



LED LIGHT

■ Difference of wavelength range



Existing products: React to sunlight only

SHARP: Reacts to indoor light as well as sunlight, and is effective both day and night



Photocatalyst generates reactive oxygen (O₂⁻ / OH) when it receives light.

Active oxygen decomposes any substance like Bacteria, Odor etc.

Active oxygen gets (H-) from the decomposed substance and goes back to air as CO₂ and H₂O.

Advantages for your workspace



Germ-free

- Decomposes bacteria, virus and mold
- Works on allergens
- Works on dirt



Safe & eco-friendly

- Works in all lights: Fluorescent/ LED/Sunlight
- Safe for humans
- 100% fire-safe & non alcoholic

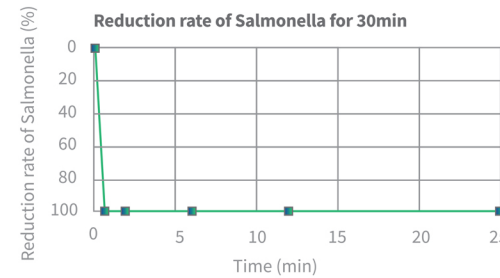


Economical choice

- Effective round-the-clock for 365 days: long-term value
- One-time investment
- Almost zero running cost

Workspace Procat – Disinfect Coating Service has multi-pronged benefits of use:

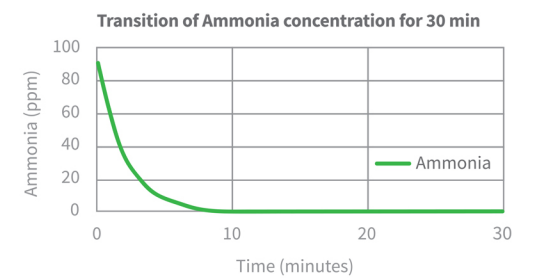
Anti-Bacterial



Test result: The number of Salmonella cells decreased up to 99% in 24 hours by the effect of Photocatalyst

Test Lab: TUV SUD South Asia Pvt Ltd.

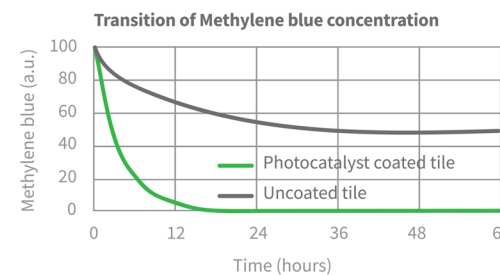
Deodorant



Test result: Concentration of Ammonia decreased to an undetectable level in 30 minutes by the effect of Photocatalyst

Test Lab: Investigated by Sharp, Japan

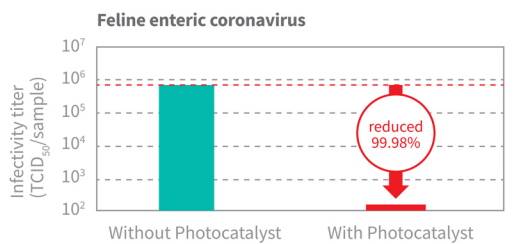
Anti-Foulant



Test result: Concentration of methylene blue decreased to an undetectable level in 30 minutes by the effect of Photocatalyst

Test Lab: Investigated by Sharp, Japan

Anti-Viral



Test result: The infectivity titer of virus after 24 hours of inoculation on the non-woven fabric with Photocatalyst was reduced by 99.98% compared to the non-woven fabric without Photocatalyst.

Test Lab: Kitasato Research Center for Environmental Science, Japan



Why choose Workspace Procat? Here's how it compares

Workspace Procat has a host of unique benefits over many other products in the market:

| (LIMITATION) Regular Disinfection Service | (SOLUTION) Workspace Procat | (LIMITATION) Regular Daily Cleaning | (SOLUTION) Workspace Procat | (LIMITATION) Regular Deodorant | (SOLUTION) Workspace Procat |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Short term effectiveness - 30 sec. to 1 min.</p> <ul style="list-style-type: none"> • After the alcohol or sodium hypochlorite evaporates, the effectiveness ceases to last • Cannot stop bacteria or virus growth | <p>Long term effectiveness - Round-the-clock for 365 days</p> <ul style="list-style-type: none"> • Gradually deactivates virus & bacteria in the presence of visible light or sunlight and as long as Workspace Procat coating exists on the surfaces • Can prevent the growth of bacteria and virus | <p>Daily cleaning can't prevent the growth of mold</p> <ul style="list-style-type: none"> • Once the mold starts growing on walls, it is difficult to remove it completely | <p>Can prevent further growth of mold</p> <ul style="list-style-type: none"> • Prevention of mold is the best countermeasure | <p>Effectiveness of deodorant will be short term</p> <ul style="list-style-type: none"> • Only suppresses other bad odors without removing them completely | <p>Effectiveness lasts round-the-clock and 365 days</p> <ul style="list-style-type: none"> • Completely decomposes bad odor |

Anti-Fungal

Without Photoirradiation



With Photoirradiation



Test result: The activated Photocatalyst by the photoirradiation prevented the growth of fungus. On the other hand, the growth of fungus can be found at the non-activated Photocatalyst.

| TEST ITEM | TEST INSTITUTION | TEST RESULT |
|------------------------------|----------------------|----------------------------|
| Acute oral toxicity test | Frey-Tox (Germany) | LD50 more than 2,000 mg/kg |
| Primary skin irritation test | Frey-Tox (Germany) | Negative |
| Skin sensitization test | Fraunhofer (Germany) | Negative |
| Reverse mutation (AMES) | Nissei-bilis (Japan) | Negative |

Work Areas:



Cabins



Worktables



Walls



Chairs



Meeting Rooms

Shared Resources:



Multi Functional Printers



Front Desk



Office Equipment



Cafeteria



Frequently Touched Points



Technical specifications BP-PC01LZ

| | |
|-------------------|----------------------------------------------------------|
| Component | Tungsten Trioxide |
| Application | Walls and other surfaces |
| State | Liquid to be sprayed |
| Working mechanism | Reacts to indoor LED Light & Sunlight |
| Effect lasts for | 1 year |
| Properties | Antibacterial/antiviral/deodorant/antifouling/antifungal |
| Concentration | Photocatalyst liquid |

Must-know

- Light, whether visible or sunlight, is mandatory to activate Workspace Procat disinfect coat.
- The disinfect coat takes several hours to decompose substances.
- It is most effective on surfaces that are regularly cleaned and kept dust-free.

Delivered by Sharp Expert Professionals at your premises

Stress-free experience. Environment-friendly spaces.

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