For wherever hygiene is a high priority

Nippon Paint VirusGuard+ is ideal for use in all indoor environments—occupied or frequently by the very young, the elderly and those with compromised immune systems. Given the ‘new normal’ of the post-pandemic world, an increasing number of building owners and homeowners are choosing to play it safe and ‘paint it safe’, regardless of the age or health profile of the users.

In short, Nippon Paint VirusGuard+ is suitable for all indoor environments, and especially those where hygiene is a high priority.

Everywhere you could want from a paint and more

TECHNICAL DATA SHEET FOR
NIPPON PAINT VIRUSGUARD+

APPLICATION DATA

METHOD

Spray or brush

TECHNICAL DATA

- 0.5 hr dry time (normal 4 hr)

SURFACE

All types of interior surfaces, e.g. walls, ceilings, doors, windows,
bedrooms, living rooms, halls, kitchens, toilets, bathrooms, restrooms,
offices, restaurants, hotels, hospitals, schools, etc.

TECHNICAL SPECIFICATIONS

- Highly effective against influenza and coronaviruses
- Broad-spectrum activity against viruses
- Shows activity against SARS-CoV-2 (Delta and Omicron strains)
- High durability: up to 3 months of activity

FEATURES

- Antiviral: Inhibits the replication of influenza and coronaviruses
- Antimicrobial: Inhibits the growth of bacteria and fungi
- Good washability and stain resistance
- Good flow and levelling
- Easy application and labour-free finish
- Low VOC: Cares for the environment

APPLICATIONS

- Commercial Buildings (Shopping malls, office towers, service centres, etc.)
- Educational Institutions (Schools, kindergartens, universities)
- Healthcare Facilities (Hospitals and Clinics)
- Residential

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Keep walls coronavirus-free

- Effective against human coronaviruses
- Effective against Feline Calicivirus (approved by EPA to replace Human Norovirus)
- Certified environmentally friendly by SGBC
- Anti-bacterial
- Low VOC
- Good washability
- Non-toxic

Frequently asked questions

Q: How does the antiviral property of Nippon Paint VirusGuard+ work?
A: The antiviral property of Nippon Paint VirusGuard+ is based on the patented technology of copper and zinc ions. Copper and zinc are known to have antimicrobial and antiviral properties, which can help inhibit the replication of viruses and bacteria on surfaces.

Q: How long does the antiviral property of Nippon Paint VirusGuard+ last?
A: The antiviral property of Nippon Paint VirusGuard+ is designed to last for up to three months. This means that the antiviral effect will continue to work even after multiple washings or cleanings.

Q: Is Nippon Paint VirusGuard+ effective against SARS-CoV-2 (Delta and Omicron strains)?
A: Yes, Nippon Paint VirusGuard+ has been tested and proven effective against SARS-CoV-2 (Delta and Omicron strains) as well as other coronaviruses and influenza viruses.

Q: Is Nippon Paint VirusGuard+ suitable for use in external environments?
A: While Nippon Paint VirusGuard+ is primarily designed for indoor use, it can also be applied on external surfaces such as external walls, balconies, and roofing materials.

Q: Can Nippon Paint VirusGuard+ be applied in areas with high foot traffic?
A: Yes, Nippon Paint VirusGuard+ can be applied in areas with high foot traffic such as entrances, hallways, stairs, and public areas.

Q: How does Nippon Paint VirusGuard+ compare to other antiviral paints on the market?
A: Nippon Paint VirusGuard+ is unique in its broad-spectrum activity against a variety of viruses, including influenza, coronaviruses, and bacteria. Other antiviral paints may only be effective against specific types of viruses.

Q: Can Nippon Paint VirusGuard+ be used as a substitute for traditional disinfectants?
A: Nippon Paint VirusGuard+ is not intended to replace traditional disinfectants. It is designed to provide continuous protection against viruses and bacteria on painted surfaces.
Nippon Paint VirusGuard+
Advanced Antimicrobial Interior Paint

How paint can help stop the spread of respiratory viruses

While COVID-19 has caused unprecedented suffering around the world, respiratory viruses including coronaviruses are nothing new. Severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome (MERS) are relatively recent examples of coronaviruses that reached epidemic proportions and claimed thousands of lives. Common rhinoviruses and influenza are ever-present threats to public health. Their symptoms range from mild to fatal, and the very young, the elderly and those with pre-existing medical conditions are especially vulnerable.

Recent studies have shown that surface contamination plays a greater role than once thought in the community transmission of respiratory viruses. When contaminated surfaces are touched, virus particles are picked up and people become infected and fall ill, or continue to spread the virus as asymptomatic carriers.

Among the most common contaminated surfaces in any indoor environment are walls. We are literally surrounded by them.

Nippon Paint has relied to the global health crisis by sinking funds into accelerated research and development. The result is Nippon Paint VirusGuard+, an advanced hygiene coating, empowered with copper ion technology.

The proven power of copper ion technology

One of the world’s oldest known natural antimicrobial substances is copper. Traditionally the favoured material for hospital الدكتور and other metal fixtures, it inhibits the growth of microorganisms including viruses, bacteria and fungi.

Nippon Paint’s VirusGuard+ harnesses the long-established antimicrobial properties of copper in the form of encapsulated copper ions (Cu+). These microscopic copper ions are steadily released from the painted surface, subsequently killing any viruses present by destroying their outer layers and dismantling their genetic material.

The antimicrobial properties of Nippon Paint VirusGuard+ remain effective for as long as the paint film is intact. Better still, its antimicrobial effect reduces the need for the frequent disinfection of walls, saving on manpower and reducing the use of harsh chemical cleaning agents.

Efficacy of Nippon Paint VirusGuard+ against Human Coronavirus and Feline Calicivirus (approved by EPA to replace Human Norovirus)

Successfully tested against Human Coronavirus Z2E (2-hour exposure)

Successfully tested against Feline Calicivirus (2-hour exposure)

Colour Selections

Nippon Paint VirusGuard+ is available in 23 specially curated colours.

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