



CENTURY JUMBO DEVELOPMENT (HK) LIMITED
信宇發展(香港)有限公司

GERMAGIC
塗層施工處理

帶給你一個 **90** 天長效
滅絕病菌的方案

**A 90-day long-term
protection plan for
virus and bacteria**

為你建立一個無病毒健康環境
Building a Virus-Free Healthy
Environment for You



www.cjd-hk.com

公司簡介 Company Profile

信宇發展(香港)有限公司提供全方位防疫保護給零售店舖、銀行、機場、公共交通工具、學校、醫院、辦公室及公共場所作全天候對施工物件殺菌及消除病毒處理。本公司為認可註冊使用 GERMAGIC 施工指定合作單位。專營針對 GERMAGIC 塗層施工及處理。

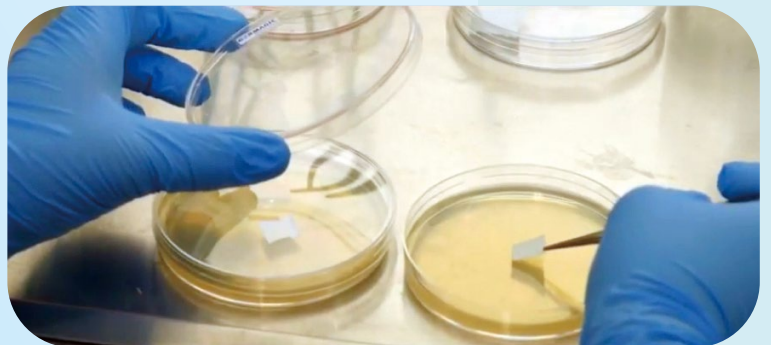
Century Jumbo Development (HK) Limited provides all-round epidemic protection to households, schools, hospitals, offices and public places for 24/7 sterilization of objects and elimination of viruses. We are an Authorized G-Coating Specialist for GERMAGIC application and solution which specializes in GERMAGIC coating construction and treatment.



產品介紹 Product Description - GERMAGIC

GERMAGIC 百里香塗層是由香港科技大學經過 17 年的研發，是對細菌、黴菌和病毒的有效廣譜殺菌塗層。塗層在施工面能有效維持九十天的功效，GERMAGIC 百里香塗層已經被確認能**有效滅活新型冠狀病毒 (COVID-19) 及超過 100 種病毒及細菌**。GERMAGIC 不單止在疫情下能擔當重要防疫角色，也能夠滅絕病菌在物件表面而被人因接觸而受感染的風險。

GERMAGIC Thyme coating is developed by the Hong Kong University of Science and Technology after more than 17 years of development. It is an effective broad-spectrum bactericidal coating for bacteria, mold and viruses. The coating can **effectively maintain the efficacy of 90 days on the coated surface**. The GERMAGIC thyme coating has been confirmed to effectively inactivate the new coronavirus (COVID-19) and **more than 100 kinds of viruses and bacteria**. Not only does GERMAGIC play an important role in epidemic prevention, but it can also exterminate the risk of humans being infected in contact with any contaminated surface.





工程實例 Case Studies

本公司(曾經提供/已提供)為香港國際機場、空運站、大型電訊公司、九巴以及銀行進行 Germagic 塗層工程，為香港基建設施做防疫準備。

Our Company has provided Germagic coating services to HK international Airport, HACTL, SmarTone, KMB, Bank of China, Citibank etc. We provide 24/7 sterilization of objects and elimination of viruses for infrastructure in Hong Kong.



GERMAGIC 歷程 History



2003 香港疫病大爆發
我們需要“預防”措施
香港科技大學開始研發
環境防疫技術

2003 Outbreak of the epidemic in Hong Kong
We need “prevention” measures
HKUST began to develop environmental anti-epidemic technology.



2008 北京奧運
Germagic 技術首次應用於
物體表面消毒長效 28 天

2008 Beijing Olympics
GERMAGIC technology was first used on coating surfaces, with effect lasting for 28 days.



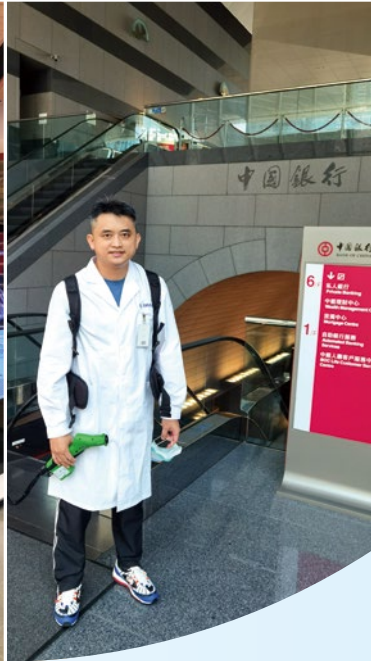
2015 突破
與廣州呼吸疾病
研究所共同驗證
和檢測相關產品

2015 Breakthrough
Collaboration with the
Guangzhou Institute of
Respiratory Diseases in
verifying and testing
related products

應用場景 Application scenario

GERMAGIC 塗層應用範圍非常廣泛，例如可應用於家庭、辦公室、診所、老人院舍、學校、公共場所例如戲院、公共交通工具以及零售店舖，人流多的場地更能發揮塗層的功用。

GERMAGIC coatings can be widely used in homes, offices, clinics, schools, elderly homes, public places such as theaters, public transportation, and retail shops having pronounced effects particularly in places with large crowds of people.



2017年5月
首次香港新聞發佈會
—香港科技大學公佈

May 2017
The First Hong Kong
press conference
—Announced by Hong Kong
University of Science and
Technology



2018年4月
獲得日內瓦國際發明展金獎

April 2018
Gold Award of 2018
International Inventions,
Geneva



2018年5月
香港科大與捷和實業成立創
新環境健康技術聯合實驗室

May 2018
Established "HKUST-CIL
Joint Laboratory of Innovative
Environmental Health
Technologies" by HKUST and
Chiaphua Industries Limited.

GERMAGIC

正式啟航
捷和實業聯合多位產業投資者
共同成立訪科生物

Departure
Chiaphua Industries Limited
and many industrial investors
jointly established **GBT**

GERMAGIC 的效能測試 Performance Test

GERMAGIC 經過嚴謹的科學研究和測試，涵蓋中國、英國和美國多個檢測中心進行測試及**獲得 100+ 個第三方檢測或認證**，當中包括香港標準及檢定中心、澳洲歐陸集團、廣東出入境檢驗檢疫局檢驗檢疫技術中心及廣州呼延所醫藥科技有限公司等。

GERMAGIC 百里香塗層可在金屬、混凝土、木材、玻璃、塑料、織物、皮革、纖維等不同物料的表面，提供**90 天**長效消毒與抗菌保護。

GERMAGIC has undergone rigorous scientific research and testing, covering multiple testing centers in China, the United Kingdom, and the United States to test and **obtained 100+ third-party tests or certifications**, including Hong Kong Standards and Testing Center, Australian Continental Group, Guangdong Entry-Exit Inspection and Quarantine Bureau Inspection and Quarantine Technology Center and Guangzhou Huyan Institute Medical Technology Co., Ltd.

GERMAGIC thyme coating can **provide 90-day long-term disinfection and antibacterial protection** on the surface of different materials such as metal, concrete, wood, glass, plastic, fabric, leather, fiber and so on.

細菌 / 黴菌 Bacteria / Fungi / Virus	殺滅率 Kill rate	細菌 / 黴菌 Bacteria / Fungi / Virus	殺滅率 Kill rate
黑曲霉 Aspergillus niger	>99.99%	麻疹病毒 Measles virus	>99.99%
蠟狀芽孢桿菌 Bacillus cereus	>99.99%	腮腺炎病毒 Mumps virus	>99.99%
白色念珠菌 Candida albicans	>99.99%	貓杯狀病毒 Feline calicivirus	>99.99%
李斯特菌 Listeria	>99.99%	德國麻疹病毒 German measles virus	>99.99%
綠膿桿菌 Pseudomonas aeruginosa	>99.99%	冠狀病毒 SARS-COV	>99.99%
紅毛癬菌 Trichophyton rubrum	>99.99%	新型冠狀病毒 SARS-COV-2 (COVID-19)	>99.9%
創傷弧菌 Vibrio vulnificus	>99.99%		

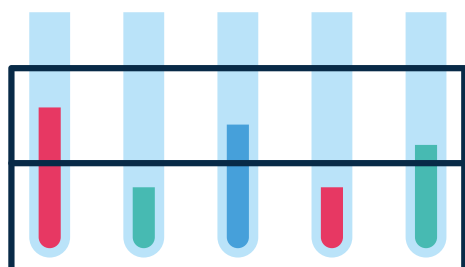
GERMAGIC 施工要求、程序及保護 Coating requirements and application procedures

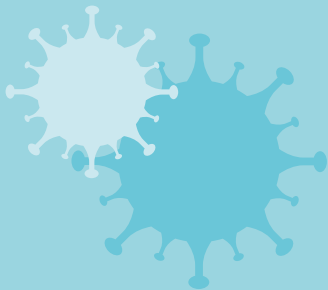
為確保 GERMAGIC 百里香液體能夠深入物件表面，施工表面在施工前應該先清潔及保持乾爽，減少塵埃，這樣塗層能更有效地深入表面，當 GERMAGIC 塗層乾涸後可以用恆常清潔劑清潔而不會傷害塗層。GERMAGIC 塗層在正常使用情況下能維持 90 天的功效。

施工程序是以靜電霧化機將 GERMAGIC 液體霧化後噴在需要施工物件表面，液體會凝固及形成 GERMAGIC 塗層以及深入所需要施工物件表面，施工後 GERMAGIC 塗層能維持 90 天對外來接觸物件的殺菌及消毒，而塗層亦不會因用水、滴露或漂白水清潔而失去效力。所以能達到長期防護的效用。

To ensure that the GERMAGIC thyme liquid can penetrate the surface of the object, the application surface should be cleaned and kept dry before application to reduce dust. When the GERMAGIC coating is dry, it can be cleaned with most of the cleaner without harming the coating.

To apply the coating, spray the GERMAGIC liquid on the surface of the object to be constructed with an electrostatic atomizer. The liquid will solidify and form a GERMAGIC coating which will penetrate the surface of the object. After the construction, the GERMAGIC coating can provide 90 days of protection against more than 100 bacteria and fungi. The coating will not lose its effectiveness even cleaned with water, Dettol or bleach, and is able to provide a long-term anti-virus protection.





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