



Company profile

Sketch Co. Ltd: Excellence in Nanotech Coating



Company Name	SKETCH.co.,LTD.	SKETCH Business Managemennt.co.,LTD
Date of Establishment	Februrary 1989,	May 2024
Capial	50 million yen	6 million yen
CEO	Yasuhiro Shimada	
Head Office	3rd floor,Chako Paper Building, 2-25-10,Asakusabashi,Taito-ku,Tokyo 111-0053,Japan TEL: +81(3)5825-6503 FAX: +81(3)5825-6504 URL: https://www.sketch-english.com , https://www.pro-support.shop/	
Domestic clients	about 100 domestic Distributors in Japan	
Affilitared company	SETUDEN ECO shop.Co.,.LTD	
Over-sea salesperformance	It has been selling 30 countries so far.	

Business

Development and manufacturing nanotechnology coating and highly performance paint for promoting SGD's.

1. IRUV cut coat H-SC,SP; By applying a coating with a roller, the performance of window glass is improved to 80~90% IR cut and 99% UV cut.
2. Super Glass Barrier; Anti-static, Super Hydrophilic Self-Cleaning coat for anti-fouling performance for exterior of existing building, service vehicle and so on.
3. MK Clean Coat, Air Refresh, Air Clean Light Coat, Clean Air Guard SP; Deodorizing, Anti-mold, Anti-bacterial, (photocatalyst) coat for indoor space, interior materials
4. Rust Shield & Thermo ECO Shield; primer with anti-rust & Heat Cut, Thermal insulation paint for outdoor unit.
5. Solar Self Maintenance Coat CNT & Solar Heat Dissipation coat; Antifouling performance & Heat Dissipation performance.

official website



JAPAN

<https://www.pro-support.shop/>



ENGLISH

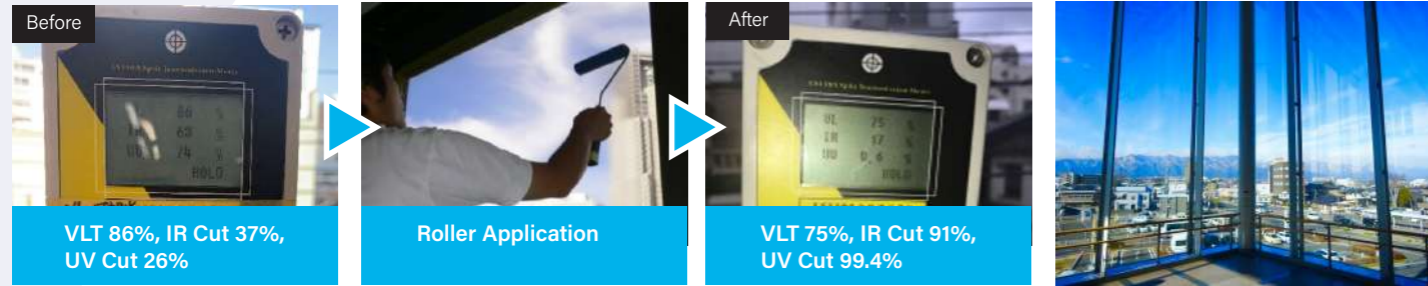
<https://www.sketch-english.com>



Anti-Heat nano-coating for window glass: Window glass heat, UV rays, condensation problems

IRUV Cut Coat H-SP/H-SC

20% to 30% reduction in air conditioning costs by thermal insulated coating on window glass of existing buildings = CO2 emission reduction by energy saving effect. Sketch has developed a liquid insulation glass coat that can be easily coated on window glass with a roller. It improves the effect of infrared rays cut rate of 80% or more and ultraviolet rays of 99% or more just by coating on existing window glass. Durability is 15 years, On the contrary, general window film is 5 to 10 years durable. It lasts much longer than window film. It is the only one in the world that can be easily applied to window glass by roller application, so anyone can learn coating techniques by online or offline training. Sketch's IRUV cut coat occupies 80% of the market share in Japan and is an energy-saving product with a sales record all over the world. In Japan, we successfully applied 1000 or more of chain stores during 2019~2022 in Japan.



Rust Proof, Anti-heat painting for the Surrounding Outdoor unit of chiller and Air-conditioning

Rustshield (Anti-Rust) & Thermo ECO Shield (Anti-Heat) & Super Glass Barrier (Anti-dust)

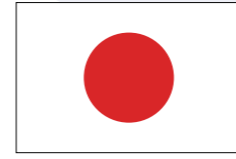
Developed Rust shield + Thermo ECO Shield + Super Glass Barrier= Triple Guard coating application system that reduces air-conditioning costs by 15% or more annually by applying rust-proof, heat-insulating, and antifouling coats for corrugated metal roof, outdoor units and their surroundings. Generally, Rust-Proof Market, Heat-Shielding Market, Anti-fouling Market are all different businesses. If Customer wants to solve 3 problems of them once, it will be a huge cost because each solution is conducted by each special painting applicator company. On the contrary, Customer can't request one applicator company to solve 3 problems once by low cost. But Sketch can solve the problem to supply low price due to developing each product by one company. It means the applicator that bought products from Sketch can suggest a low application cost for the customer. Our application target is outdoor units and surroundings installed on food markets like Franchise Super Market for example because they use high electricity bills every month due to using freezers, refrigerators, air conditioning for 24 hours every day. We apply the surface of outdoor units and the installation ground under the outdoor units. It is a small area to apply because we don't focus on the whole roof. Of course, if a customer has a budget for painting on the whole roof, it will be much better to perform the solution. But it will be expensive. But we propose to apply only the surrounding outdoor units.



Dirt on the PV panel & Glass : Patent No. 7146223; acquired on September 26, 2022.

Solar Self Maintenance Coat CNT & Solar AR recoat

We have sold more than 10 million square meters of antistatic superhydrophilic self-coat including "Super Glass Barrier" for exterior walls for more than 20 years. However, in high-temperature, low-humidity environments such as desert areas, where there is little rainfall, the antistatic performance deteriorates, and we have faced problems especially with solar panels. We have now succeeded in developing a coating agent that exhibits strong antistatic performance of 10¹²Ω, high adhesion, high weather resistance, and high chemical resistance while maintaining a certain level of transparency by binding SWCNTs. In addition, since the strong conductivity of SWCNTs can be applied to the back sheet to further dissipate heat, we will conduct many demonstration tests in the future.



Japan's most advanced nanotech product manufacturer with the world's No. 1, high performance, multi-functionality, and low cost.



Anti-Fouling, Anti-Static, Super Hydrophilic Self-Cleaning Coat : Dirt problem on the exterior

Super Glass Barrier (Anti-dust), Clean Self Coat CNT (for outside window glass)

Routine Maintenance costs 50%~Cut

1998, TOTO announced HYDROTECT, the photocatalyst, hydrophilic antifouling coat using titanium oxide, this has opened a new market in the antifouling market of buildings, and the car. However, in China, Southeast Asia, the Middle East, there are a lot of dirt and carbon sand, the photocatalyst coating using titanium oxide, has little effect. So Sketch, has developed a coating material of super-hydrophilic antistatic anti-fouling self-cleaning by using a tin oxide SnO₂ and SiO₂ silica. We develop products that flow down with running water and rain in the super-hydrophilic it is difficult to stick the dirt. And firmly adhered for inorganic material, outer wall, tile, and glass, there is a self-cleaning antifouling effect for long term. This product can be long-lasting coating one time, will be the main product of the aesthetic maintenance of the building in the future. It is easy maintenance coat that there is anti-static function in the dust and exhaust gas in particular, it is hard to stick the dirt from the beginning, it is easy to come off the dirt easily. Since the maintenance cost can be cut down to less than one-third from the half, this is ideal in a country where high-rise buildings are built many. In particular, anti-static, hydrophilic, anti-fouling coat for glass, solar panel and aluminum panel, could not anyone to commercialize until now. On the other hand, SKETCH has developed a product that can be coated easily. There will be a big market in the future. In the sales, 20L, 200L in the lot.



Air Cleaning & Antibacterial coating / As PM2.5 and Virus reduction measures

Clean Air Guard, Air Clean Coat

It can be applied to glass and polycarbonate. Air cleaning, bacteria elimination, anti-viral coat

The product of third, for indoor environmental improvement products and PM2.5 measures has become a problem most now. I have developed products to clean the air in particular, the product of nosocomial infection control and for sick house syndrome measures · VOC measures and food poisoning. The material, use the tungsten oxide there is a performance degradation of 20 times or more of titanium oxide of visible light-responsive photocatalyst materials technology development is most advanced in the world is Japan. Plus platinum to this, developed a coat of air cleaning, sanitization function. Air Clean Coat is for closest to the light source, LED light fixtures, reflective plate, the window glass, light and shade. Air clean coat is for ceiling, curtain, the wall. Then, in a plant extract of the 118 type, and F118 to the bacteria removal and deodorizing the source of the smell. Using the material of these three, it makes the situation clean and continued to air purification, deodorization, sanitization and antifungal functions in long-term by the effect of three to indoor environment of all where there is no light where there is light.

