

Transparent Antifouling Paint **GAF** Series

It is a revolutionary product to provide non-combustible, weather-resistant, antifouling, highly hard, and mold-release performance, forming an almost perfect inorganic coating film by drying at room temperature. A variety of products are offered corresponding to various applications to support a wide range of customer's needs.

Features and effects

The coating of “GAF Series” protects material from various external stimulations by covering it. (Passed the Civil Engineering Test for Class I and Class II Antifouling Material.)

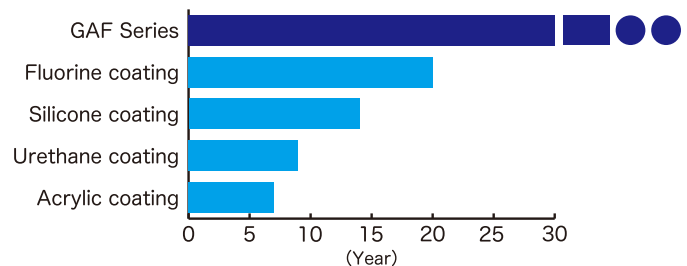
Various types of paints which effectively use inorganic characteristics, such as organic/inorganic hybrid paint, solvent-less type paint and aqueous type paint, have been serialized, including a paint that forms an almost perfect inorganic hyaline coating film by drying at room temperature (GAF-01A: two-liquid type moisture-curable paint).

1. Excellent in abrasion resistance, forming a thin and very hard film
2. Non-combustible, without generating toxic gas in case of fire
3. Excellent in impermeability of gas and liquid, as well as in rust-prevention effect
4. Resistant to acid rain, excellent in chemical- and weather-resistance, as well as in degradation prevention effect on coating films
5. High mold-release performance with super water-shedding performance, which are effective for graffiti- and poster-prevention

Organic paint		Inorganic paint	
Advantage	Disadvantage	Advantage	Disadvantage
High quality appearance Design	Weather resistance	Weather resistance	High quality appearance Design
Processability	Contamination resistance	Contamination resistance	Processability
Workability	Chemical resistance	Chemical resistance	Workability
Low temperature curability	Heat resistance Incombustibility	Heat resistance Incombustibility High hardness	Low temperature curability

New functional material having advantages of organic and inorganic paint = GAF Series

Life-time Comparison Table



Example of application

1. It is effectively used to prevent any graffiti and posters on landscape facilities. It is effective also as a degradation prevention coating on stonework.
2. Anti-fouling, long-term glossiness, and degradation prevention performance is effectively exerted for buildings and large-sized structures. It enables maintaining of beauty and appearance while reducing maintenance costs significantly.
3. In road applications (tunnels, wallpaper, bridges, etc.), it protects material by ensuring a stable film for a long period of time, reduces the number of maintenance services, and prevents the abrasion caused by brush cleaning.
4. It is effective for material- and corrosion-protection on electric/electronic equipment, machine parts, and transportation equipment, and also as a mold release for dies.
5. It is effective as a protective coating on floors, and kitchen and restroom walls. It makes cleaning remarkably easy.

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Product No.	Description
GAF-01B	Primer for GAF-01A. There are 3 different types according to the base material. A curing agent is required separately. Using alone may form a highly durable protective layer. * Without antifouling function. Color type (GAF-01BC) is also available.
GAF-01A	General-purpose water/oil-shedding antifouling paint. Its super-detachable performance prevents graffiti and bonding posters. * Primer: GAF-01B. A curing agent is required separately. Pencil hardness is 3H.
GAF-02A	One-liquid one-coat type GAF-01 A/B. It cures and dries quickly, providing good workability. The cured film is hard (pencil hardness: 3H), and excellent in water shedding, mold release, weather resistance, and chemical resistance. It provides good adherence to many base materials.
GAF-03A	It is a hydrophilic antifouling paint with a self-cleaning effect. Wet-on-wet coating and recoating are possible. Color customization is also possible. A curing agent is required separately. Pencil hardness is 2H to 3H.
GAF-03W	It is a water-based type antifouling paint, which can cure at room temperature. Color customization is also possible. A curing agent is required separately. Pencil hardness is H to 2H.
GAF-03H	It is a hydrophilic antifouling paint with a self-cleaning effect. It also provides heat barrier performance, shielding 99.9% of ultraviolet rays and 60% of sunlight. A curing agent is required separately. Pencil hardness is 2H to 3H.
GAF-05A	It is an antifouling paint, of which cured film is very hard (pencil hardness: 8H) without cracking. It is excellent in abrasion resistance, chemical resistance, anti-slip, and antifouling performance, which can be used for indoor floors, etc. It is a quick-drying paint with little odor, providing good field-workability.

General-purpose Primer

Product No.	Description
Multi primer B	It is a one-liquid type quick-drying primer. It can adhere to any portion where any conventional adherence agent does not adhere. In addition, it is excellent in long-term durability.
Rust-inhibitive primer B	It is an environment-friendly rust-inhibitive primer. Because of its quick-drying capability, wet-on-wet coating is possible in a short time. In addition, it can be coated into a thinner film than conventional epoxy paint.

- Information in this document is subject to change without notice due to continual improvements.
- Be sure to read the material safety data sheet (MSDS) before using this product.