



MORAY[®]
— COATING EXPERT —

G2000

High-polymer Nano Coating

MOKAY[®] G2000

MOKAY[®] G2000 is an advanced high-polymer material that combines nanotechnology with functional design, primarily used in surface coatings.

Product Features & Benefits

- Fast Drying & Strong Adhesion** : Dries quickly with high adhesion and hardness (3-4H).
- Eco-Friendly & Safe** : Non-toxic and harmless to humans.
- Self-Curing at Room Temperature** : It will dry at room temperature and solidify into a film. Surface cured after 24 hours.
- High-Concentration Pure Silicone System** : Cannot be diluted, offering excellent cost efficiency.
- Advance Silicone-Mineral Composite** : Long-lasting performance with high-temperature resistance.
- Water & Oil Repellent** : Features a 120° water contact angle, resisting stains from oil-based pens, tea, coffee, iodine, and other stubborn contaminants.
- Highly Durable** : Resistant to aging, yellowing, corrosion, solvents, water immersion, and scratches. Maintains performance even under outdoor sun and rain exposure.

Core Features

Self-Curing

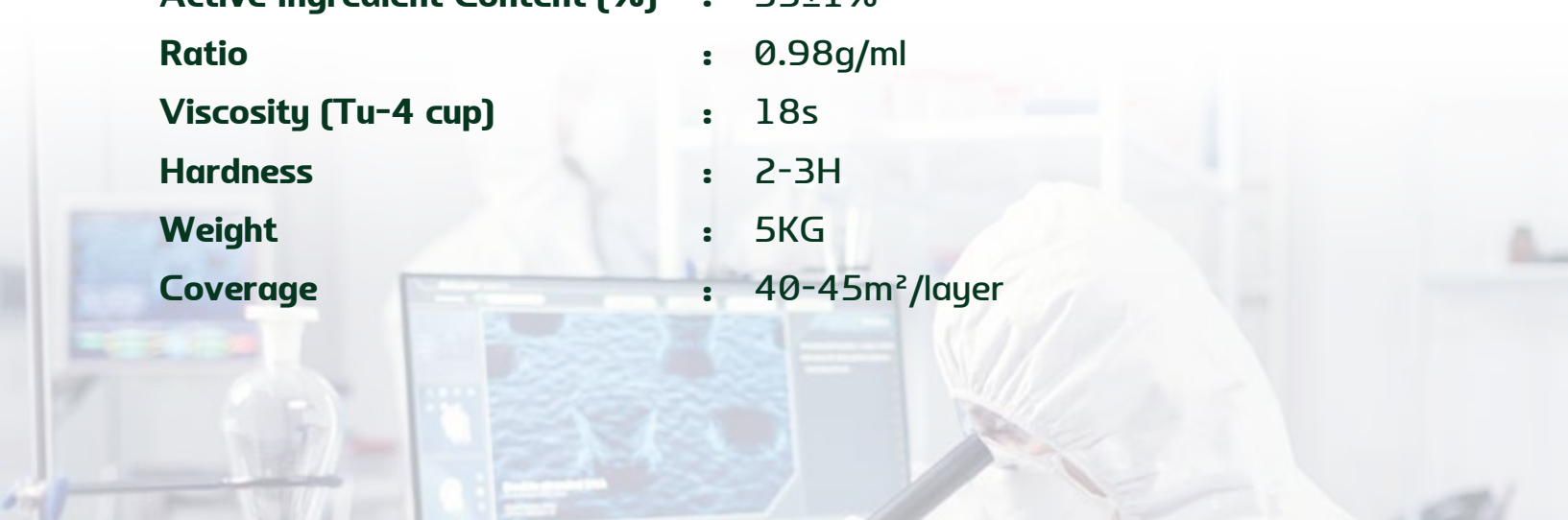
- Cures at room temperature through moisture in the air or oxidation, making it **energy-efficient and eco-friendly**.
- Ideal for **outdoor or large-scale applications** without heating equipment, such as **subway stations and public facilities**.

Anti-Stain Performance

- Ultra-low surface energy creates a **hydrophobic and oleophobic layer**, similar to the "lotus leaf effect", preventing stain from adhering.
- Any stains can be easily wiped off with **water or solvents**, reducing cleaning costs.

Technical Index

Product Name	: G2000
Color	: Transparent Liquid
Active Ingredient Content (%)	: 33±1%
Ratio	: 0.98g/ml
Viscosity (Tu-4 cup)	: 18s
Hardness	: 2-3H
Weight	: 5KG
Coverage	: 40-45m ² /layer



Scope of Application

Coatings & Paints:

- Suitable for floor coatings, artistic coatings, interior & exterior wall paints, faux stone paints, architectural coatings, industrial coatings, fireproof coatings, waterproof coatings, wood coatings, and heavy-duty anti-corrosion coatings.
- Can be used as a protective topcoat for various coatings.

Stone

- Ideal for marble, artificial quartz stone, granite, tiles, sanitary ware, and outdoor monument protection.

Other Materials

- Compatible with plastics, metal parts, and wood processing.

Note:

- The surface of this product dries quickly and can be completed within 2-4 hours. Full curing takes 3-7 days, after which the coating achieves optimal performance. The longer the curing time, the better the stain resistance effect.
- For walls - normally can be used after 24 hours.
- For floors - due to higher performance requirements in usage scenarios - at least 3 days are needed. Actual drying time may vary depending on weather conditions.



▶ Various Coating Application Scenarios



▶ Stone Application Scenarios



▶ Metal & Plastic Application Scenarios

Usage Instructions

- This product is suitable for thin coatings. Thick application may lead to cracking and poor adhesion.
- Can be applied directly using spray coating, making it ideal for large-scale applications.
- Spraying is recommended, but roller or brush application is also possible.
- The coating thickness should be within 20 microns (1KG covers approximately 8-10m²).

Drying Time:

- Surface dry in 2-4 hours.
- Fully cured in 3-5 days.
- Optimal performance is achieved after 24 hours.
- The longer the curing time, the better the anti-stain performance.
- For floors - due to higher performance requirements in usage scenarios - at least 3 days are needed. Actual drying time may vary depending on weather conditions.



Precautions

- **Fast Drying** - This product dries quickly. After opening, seal the container immediately to prevent exposure to air, which may cause crystallization or particle formation.
- **Avoid Water Contact** - Do not allow the material to come into contact with water or moisture, as this may affect its quality and performance.
- **Proper Storage** - Avoid storing the product in transparent or light-permeable packaging, as this may accelerate curing.
- **Spray Gun Cleaning** - If using a spray gun, clean it with alcohol or hand sanitizer within 10-20 minutes after use. If left uncleaned, the residue may dry and clog the nozzle.





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* The product images in this catalog may vary slightly due to differences in lighting conditions and printing processes. We recommend examining actual product samples before making an order.