

“GAINA” APPLICATION INSTRUCTION

Please use up 1 bucket of “GAINA” per 30~35 m² of application area.

Preparation in advance

Remove rust and dirt well and apply with primer or sealer that matches the substrate material.

【 I 】 Stirring

- **Stir the product with electric stirrer well for more than 3 minutes**, otherwise the ceramic particles would keep floating on the upper part.
- **Adjust the viscosity by adding water** so that the product can be applied more easily.

The most important point is to stir the product with electric stirrer sufficiently.

The best type of stirring blade is as below;



Dilution amount

Brush · Roller	0 ~ 1500cc	(per 14kg bucket)
Spray gun	0 ~ 3000cc	(per 14kg bucket)
Trowel	0 cc	

【 II 】 Treatment before application

- Apply with primer or sealer that matches the substrate material after high-pressure cleaning, surface preparation and roughening.
- The recommended sealer or primer
 - Concrete surface : Permeable and microelastic sealer
 - Metal surface : Modified epoxy resin primer
 - Coating surface : Adhesive binder
- Other primer or sealer that matches acrylic silicone resin paint can also be used.

【 III 】 Applying

Apply “GAINA” in 2 times or more because coating film may crack if applied thick at once.
The thicker coating film can show a better effect in soundproof and thermal insulation.

For slick surface such as metal plate or board, apply more dilution for better spreading for the first application and normal dilution for the second and subsequent applications.

For heat-shield	$0.20\text{kg/m}^2 \times 2 \text{ times}$	(35 m ² /bucket)
For heat-shield · soundproof	$0.23\text{kg/m}^2 \times 2 \text{ times}$	(30 m ² /bucket)

【IV】 Drying

The required time for drying is about 2 hours in summer and about 4 hours in winter.

As drying conditions vary depending on the environment, please move on to overcoat once the coated surface has dried.

【V】 Notes on application and storage

- Avoid rainy, windy, or humid days and choose sunny day to apply. Since “GAINA” is a water-based coating material, it should be applied in an environment condition with temperature above 5 Degrees Celsius and humidity below 65%.
- Contact your dealer if you have any questions about application.
- Keep the product out of direct sunlight and store it in a cool place.
- Please use up within 3 months after manufacturing in order to maintain quality and performance.

【VI】 Safety Precautions

Prevent contacts from skin when handling and wear appropriate protective glasses or masks if necessary. Moreover, it is required to provide adequate ventilation in application process and drying process.

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