

# “GAINA” APPLICATION INSTRUCTION

Please use up 1 bucket of “GAINA” per 30~35 m<sup>2</sup> 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	0.20kg/m <sup>2</sup> × 2 times (35 m <sup>2</sup> /bucket)
For heat-shield · soundproof	0.23kg/m <sup>2</sup> × 2 times (30 m <sup>2</sup> /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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**Nissin Sangyo Co., Ltd.**