

# GAINA APPLICATION INSTRUCTION

To maximize the performance of this product, please pay attention to the following points during application.

**Please use up 1 bucket (14kg) of GAINA per 30-35m<sup>2</sup> of application area.**

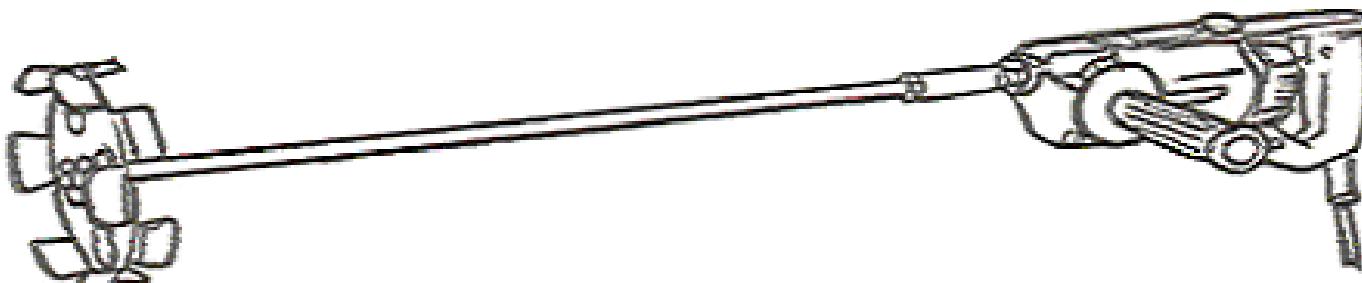
As a preparatory step, which applies to all painting processes, ensure that rust and dirt are thoroughly removed. Treat the surface with a primer, sealer, or other appropriate coating suitable for the substrate before application.

## [ I ] Stirring

- **Stir the product thoroughly with an electric stirrer for at least 3 minutes;** otherwise, the ceramic particles will remain suspended on the surface.
- **Adjust the viscosity by adding water** to facilitate easier application.

**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 : 0~10%(per 14kg bucket)

Spray gun : 10~20%(per 14kg bucket)

Trowel : 0~3%

## [ II ] Stirring

- 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 two or more coats, as the coating film may crack if applied too thickly at once.

A thicker coating film provides better soundproofing and thermal insulation performance.

For slick surfaces such as metal plates or boards, use a more diluted mixture for the first coat to improve spreadability, and apply a normally diluted mixture for the second and subsequent coats.

Roller : 0.4kg /m<sup>2</sup>-0.46kg /m<sup>2</sup> (based on 30-35m<sup>2</sup> per bucket)

Spray gun : 0.44kg /m<sup>2</sup>-0.58kg /m<sup>2</sup> (based on 24-31.5m<sup>2</sup> per bucket)

\*Allowing for a 10-20% scattering loss

### [IV] Drying

The drying time is approximately 2 hours in summer and 4 hours in winter.

**As drying conditions may vary depending on the environment, proceed with the next coat only after the surface is completely dry.**

### [V] Drying

Notes on Application and Storage

- Avoid rainy, windy, or humid days, and apply on a sunny day. Since GAINA is a water-based coating, it should be applied under environmental conditions of temperature above 5°C and humidity below 65%.
- Contact your dealer if you have any questions regarding application.
- Keep the product out of direct sunlight and store in a cool place.
- Use within 3 months of manufacture to ensure quality and performance.

### [VI] Safety Precautions

- Avoid contact with skin when handling the product, and wear appropriate protective goggles and/or masks as necessary.
- Ensure adequate ventilation during application and drying.