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Name of the product

내열도료 (PAINT FOR HIGH TEMPERATURE) 500℃

outline, summary

내열도료 (PAINT FOR HIGH TEMPERATURE) 500℃

This product is a heat-resistant paint with special synthetic heat-resistant resin and inorganic pigment as the main components

In general, it exhibits excellent heat resistance at high temperatures up to 500℃, and exhibits excellent weather resistance, wear resistance, and appearance

It is an economical and practical paint that maintains and prevents corrosion of steel after complete curing.

purpose

- Type: silver, black matte
- Application: Iron base surfaces that require heat resistance up to 500℃ of electric appliances, boilers, steam, chimneys, etc.

Characteristic

1. Finishing status: Matte
2. Composition: 1 liquid paint
3. Castle

Sortation	5℃	20℃	30℃
Color	matte silver, black		
Solidified drying (20℃)	5 hours	3 hours	2 hours
Theoretical application rate (m ² /L)	12.0 to 16.0 (based on 20u)		

4. Ratio: Within 1.0 to 1.3 (different by color)
5. Painting point: 27℃

※ Due to the nature of the paint, it is not completely dried at room temperature, and must be heated and dried at 200℃ or higher for at least 1 hour.

How to use

1. surface treatment

Dust, oil, and other contaminants attached to the drawing shall be completely removed with a designated thinner

For high-temperature heat-resistant parts, the surface roughness shall be adjusted to 25 to 50 μm .

2. working weather conditions

※ Air temperature : 5 ~ 35°C

※ Relative humidity: 50–85% or less

※ The temperature to be drawn should be at least 3°C above the dew point temperature to prevent moisture condensation.

The appropriate temperature of the paint is 15-25°C.

3. dilution

Up to 10% (volume ratio)

Use in compliance with the indicated dilution ratio, but excessive dilution will cause appearance and color failure, and paint before dilution will be applied

It should be mixed thoroughly.

4. Painting method

brush painting, spray (air or airless) painting

When spraying, take a spray angle perpendicular to the holding surface, and the distance between the surface of the subject and the spray gun is 20 to 30 cm

It must be maintained and sprayed, and the painting work must be carried out in the middle direction by painting from the edge first.

When spraying paint, it must be sprayed so that it overlaps about 50% of the injection width attached to the base surface.

5. Recommended painting thickness: 20~30 μm once painted

6.. Storage period: 12 months (5-38°C when stored indoors)

precautions

1) Use in compliance with the indicated mixing ratio, but finish using the mixed paint before domestic time.

2) Keep the product in a dry cold dark at room temperature (5-38°C) to avoid fire and direct sunlight, but make sure to seal the container

Store with the filler facing the top. Store the remainder after use in the same way.

3) On rainy days, days with high humidity (over 85%), and days with low temperature (under 10°C), qualitative physical properties cannot be exhibited

Avoid painting work. (Drying and bad adhesion of the coating film may occur)

4) Wash exposed skin thoroughly after painting.

5) If stored for a long time, precipitation may occur, so turn the container over periodically.
Do not come into contact with moisture before solidifying dryers.

Warnings

1) The contents can cause health disorders such as headaches, dizziness, hallucinations, and dermatitis, so absolute intake or vapor inhalation,

Avoid skin contact, etc.

(When working, wear necessary protective equipment, such as a gas mask for organic solvents and protective gloves.)

2) Never store near fire as there is a risk of fire, and when handling, sparks caused by impact, drop, friction, etc

Do not allow it to happen. In case of fire, use powder (for oil fire - Class B), gas extinguisher.

3) When stored and moved, seal the container and store it in a cold dark place at room temperature to avoid fire and direct sunlight, but the contents

In case of spill, absorb it with sawdust or sand and remove it.

4) Never paint in an enclosed space.

5) If ventilation is insufficient, there is a risk of suffocation, so forcibly exhaust it outdoors during painting work and drying

You have to fully ventilate it.

6) If you eat or come into contact with your eyes, see a specialist immediately, and carefully to avoid clogging your airways when vomiting

Guided. Immediately wash with running water during skin contact and seek medical attention in case of abnormalities.

Refer to Material Safety Archive (MSDS) when diagnosing by a specialist.

7) For more information, please contact our technical department or refer to Material Safety Data (MSDS).