



PAINT SPECIFICATION

P1/2-B1
SPEC. 1-GSP-1-001

OKITSUMO SOLAR PAINT
GSP-1 Black

Heat resistance	200°C	Drying Type	Baking	Layer	1 coat
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Color	Black	Luster	Semi-Gloss	Parts	2 components
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Characteristics	Excellent weathering property especially for outdoor condition. It absorbs sun rays efficiently and keeps heat from its radiation off the heat collectors.
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Appropriate Substrates	Aluminum, Stainless steel, Copper
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Application	Solar water heater panels, Sunshine heat collecting units
Paint Method	

Pre-treatment	Degreasing
Painting methods	Air spray, Electrostatic spray
Reducers	Okitsumo No. 100B, No.500B Thinner
Reduction %	0~20 wt%
Hardener	95 (Part A) : 5 (Part B)
Standard film thickness (Dry)	1~4 μm
Coverage	85 grams/m ² @ 3microns (when 60% efficient)
Pot Life	Within 72 hours/20°C Within 48 hours/50°C
Baking	160°C~180°C × 20 minutes

Package: 14Kg/set (PartA:13.3Kg, PartB:0.7Kg)



okitsumo

technical
information

P2/2-B1

CAUTIONS WHEN PAINTING

[WORKING ENVIRONMENT]

- AVOID USING THIS PRODUCT UNDER POOR VENTILATED AREA.

[PRETREATMENT]

- THOROUGHLY REMOVE THE DIRTS, OIL AND WATER MARKS WITH SOLVENT WIPE.

[PAINT PREPARATION]

- HEAT RESISTANT PAINTS COMPARATIVELY TEND TO SETTLE EASILY, SO PLEASE STIR THE PRODUCT WELL ENOUGH BEFORE THE USE. WHEN THE STIRRING IS NOT ENOUGH, IT LEADS TO THE PEELINGS AND THE LACK OF LUSTER.
- FOR REDUCING THE PAINT, MAKE SURE THAT YOU USE THE APPOINTED DILLUENT.
- ADD THE PART B COMPONENT TO THE PAINT ONLY FOR THE AMOUNT OF THE PAINT THAT IS REQUIRED FOR THAT DAY.
- ENSURE TO USE THE PAINT WITHIN 24 HOURS AFTER THE PART B COMPONENT IS ADDED.
- AVOID MIXING WITH OTHER FOREIGN PAINTS. IF WATER OR OIL IS MIXED, IT COULD CUSE THE ABNORMAL PAINT FILM.

[PAINTING]

- DO NOT PAINT ANY MATERIALS WHILE IT IS STILL HOT OR HEATED.
- MAKE SURE THAT THE PAINT PUMP IS ATUOMATICALLY AND MECHANICALLY AGITATED WHILE YOU ARE PAINTING.
- CONTROL THE FILM THICKNESS WITHIN THE SPECIFIED RANGE OF THE THICKNESS.

[BAKING]

- BAKE APPROPRIATELY ACCORDING TO THE PAINT SPECIFICATION. WHEN BAKING IS DONE INAPROPRIATELY, IT COULD LEAD TO THE LACK OF HARDNESS.
- IT GIVES OFF THE ORGANIC GASES WHEN BAKING. SO PLEASE VINTILATE THE AREA WELL.

[DISPOSAL]

- THE PAINT WASTE OR WASTE WATER SHOULD BE DISPOSED ONLY BY THE APPROVED COMPANIES BY THE GOVERNMENT OR LOCAL AUTHORITIES OR COMPLY WITH THE FEDERAL AND LOCAL RULES AND REGULATIONS.

[SUGGESTIONS]

- AVOID USING THE PRODUCT NEAR THE FIRE SINCE IT CONTAINS FLAMMABLE ORAGANIC SOLVENTS.
- BE CAREFUL THAT FOR YOUR SKIN AND MUCOSA, ESPECIALLY YOUR EYES NOT TO BE EXPOSED TO AND TOUCHED WITH THE PRODUCT. IN CASE OF SO, WASH AND RINSE YOUR AFFECTED AREAS WITH PLENTY OF RUNING WATER.
- FOR MORE DETAILED INFORMATION, PLEASE REFER TO THE M.S.D.S. (MATERIAL SAFETY DATA SHEET) OF THE EACH PRODUCT.