

1K High bake, One Coat Leather-tone for Metals

WONDERTONE M

(M773-line)

Introduction

WONDERTONE M M773 line is a 1 coat leather-tone acrylic resin paint for metals which blended special beads. Leather-tone with 2 coating type has been used for office devices, cameras and other luxurious devices.

WONDERTONE M enables to create beautiful leather pattern expressing luxurious impression by just 1 coating. It reduces the tendency of roughness which satin paint commonly have yet providing soft and warm feeling of the surface.

Features

1. Beautiful luxurious leather pattern by just 1 coat
2. Softness and warm feeling of the surface
3. Excellent in adherence
4. Higher workability by lesser process (1 coating)
5. Possible cost reduction
6. Minimize the scratch on the substrate or the roughness of surface

Product code

M773- WONDERTONE M various colors

Recommended thinner

Z-2773W WONDERTONE M thinner (fast-dry)
Z-2773 WONDERTONE M thinner (moderate)
Z-2773S WONDERTONE M thinner (slow-dry)

Applicable substrate

SPCC-SB Polish steel plate,
SPCC-SB Zinc phosphate coated steel plate,
Aluminum (A1050P), stainless steel (SUS-304),
Zinc coated steel plate, brass, nickel chrome plating

Precautions

1. Clean the substrate surface before spraying. Poor adhesion and craters may be caused by contaminant, such as release agents on the substrate.
2. Please use recommended thinner as it may cause property deterioration depending on the solvent.
3. Check the substrate before applying as various grades and types of substrates which could differ from actual property.
4. Stir paint thoroughly before use. Pour the diluted paint into a stirring tank, and spray while stirring.
5. Avoid direct sunlight and store it in a cool and dark place (-20°C to 40°C).
6. Please refer to SDS etc for further precautions.

Please contact below for any enquiry upon this product

Musashi Paint Co., Ltd.

11-2 Sayamagahara, Iruma-shi, Saitama, 358-0032, Japan
Sales : Tel. +81-4-2908-7634 Fax. +81-4-2935-0273
R&D Technical : Tel. +81-4-2934-4138 Fax. +81-4-2935-2736

Musashi Paint Co.,Ltd. Osaka Business Office

1-17-13 Mizuhai, Higashiosaka-shi, Osaka 578-0921
Tel. +81-72-963-1133 Fax. +81-72-963-0606

Musashi Paint Co., Ltd. Nagoya Office

Gas Building Komaki 3F, Chuou 1-267 Komaki-shi Aichi, 485-0029
Tel.+81-568-54-2113 Fax.+81-568-54-2117

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Standard spray specifications		
Contents		Spec
Mixing ratio	Paint : thinner (by weight)	100 : 35 ± 5
Viscosity (IWATA VISCOMETER NK-2, 20°C)		35 ± 5sec
Spraying method	Orifice diameter	1.3 ± 0.3mm φ
	Spray gun pressure	0.3 ± 0.1MPa
Spraying distance		25 ± 5cm
Drying condition	Flash off: temp x time	25°C × 10min
	Drying: temp x time	160°C × 20min
DFT		30 ± 5 μm

■ Film performance

Tests	Test condition	Result
Adhesion	1mm Cross Hatch Adhesion Test (10x10)	100/100
Hardness	Mitsubishi pencil UNI 1kg load, pencil scratch method	Over 2H
Eraser abrasion test	Sony eraser testing equipment, 1.64kgf, 300 rounds, No substrate exposure	Pass
Alcohol resistance	99.5%ethanol rubbing, 500g/cm ² , 100 rounds, No substrate exposure	Pass
Acid resistance	5%HCl, RT × 24hr, No appearance deficiency	Pass
Alkaline resistance	5%NaOH, RT × 24hr, No appearance deficiency	Pass
Heat resistance	Adhesion test after exposing in 85°C × 96hr	Pass
Humidity resistance	Adhesion test after exposing in 50°C × 98%RH × 120hr	100/100
Thermal cycle resistance	Adhesion after 10 cycles of -30°C × 1hr ⇔ 60°C × 1hr	100/100
Weatherability	Sunshine weather meter, 300hr, within ΔE=1.0	Pass
Conditions for sample making	Substrate SPCC-SB Zinc phosphate coated steel plate Paint M773- WONDERTONE M white Paint:thinner(Z-2773)=100:40 (by weight) Drying 160°C × 20min(start testing after exposing for 1 day) DFT 34±1 μm	
*The listed property value is for your reference only which based on our test result and does not indicate the spec value. Please purchase the product after considering thoroughly.		
*Please be aware that for improvement purposes, product spec details may change without prior notice.		

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