

Next generation of the high durability two-component soft feeling paint for plastics

NEORABASAN (N781- line)

NEOPEACHSKIN (N783- line)

Summary

NEORABASAN N781- series can give a lubber feeling and NEOPEACHSKIN N783- series can give a feeling like peach skin.

They have good hydrolysis resistance, high durability and good workability.

Features

1. Hydrolysis resistance.
2. Scratch resistance.
3. Color variation.
4. Lubber feeling (NEORABASAN).
5. Feeling like peach skin (NEOPEACHSKIN).
6. Good drying performance.
7. Long pot-life and good workability.
8. Recoatability.

Paint number

N78100	NEORABASAN MAT CLEAR
N781-	NEORABASAN each color
N78300	NEOPEACHSKIN MAT CLEAR
N783-	NEOPEACHSKIN each color

Recommended thinner & hardener

(Thinner)

ABS

Z-29625	RABASAN THINNER(standard)
Z-29626	RABASAN THINNER(slow-dry)

PC, PC/ABS

Z-29585	RABASAN THINNER(standard)
---------	---------------------------

(Hardener)

Z-H-760

Applicable material

ABS, PC, PC/ABS

P79-, UNP79- lines

(Two-component acrylic urethane paint)

787-line (Two-component acrylic silicone paint)

Notice of use

1. Clean the substrate surface before spraying. Poor adhesion and craters may be caused by foreign objects, such as release agents, attached on the substrate.
2. Use the exclusive thinner for this paint. The film performance may decrease depending on the type of thinner.
3. Verify adhesion, solvent resistance of the substrate, hardening etc. before use, since a variety of resin grades have been developed.
4. Make sure to stir paint thoroughly before use. Pour the diluted paint into a stirred tank, and spray while stirring.
5. Store the paints in a cool (-20~40°C) and dark place, away from direct sunlight.
6. This paint is two-pack paint. Dilute minimal amount of this paint for use. Pot-life; period of time diluted paint remains suitable for use, of this paint is 4 hours at 20 degrees. Please note that quality of paint may decrease when applied after pot-life has expired.
7. Regarding further precautions, refer to MSDS etc.

Please send any questions to address included below

MUSASHI PAINT CO., LTD. SALES DEPT.

3rd floor, 2-30-16, Minami Ikebukuro, Toshima-ku, Tokyo, 171-0022, Japan

Tel. 81-3-3985-0634 Fax. 81-3-3971-1757

MUSASHI PAINT CO., LTD. OSAKA OFFICE

1-17-13, Mizuhai, Higashiosaka-shi, Osaka, 578-0921, Japan

Tel. 81-72-963-1133 Fax. 81-72-963-0606

MUSASHI PAINT CO., LTD. NAGOYA OFFICE

MinamikanA, Komakiharawell's21, 1758-1, Komakiharashinden, Komaki-shi, Aichi, 485-0012, Japan

Tel. 81-568-54-2113 Fax. 81-568-54-2117

MUSASHI PAINT CO., LTD. HIROSHIMA OFFICE

4-13 Taguchi research institutes, Higashi Hiroshima-shi, Hiroshima, 739-0038, Japan

Tel. 81-82-436-3423 Fax. 81-82-425-6316

MUSASHI PAINT INDUSTRY CO., LTD.

11-2, Kasumino, Sayamagahara, Iruma-shi, Saitama, 358-0032, Japan

Tel. 81-4-2934-4136 Fax. 81-4-2935-2736 (R&D dept.)

Tel. 81-4-2934-4138 Fax. 81-4-2935-2736 (Technical dept.)

Next generation of the high durability two-component soft feeling paint for plastics

NEORABASAN (N781- line)

NEOPEACHSKIN (N783- line)

Standard spray specifications		
Terms		Specifications
Mixing ratio Paint:Hardener:Thinner(by weight)		10:1:5±1
Spraying viscosity(IWATA VISCOMETER NK-2 at 20°C)		12±1 sec
Spraying method	Gun diameter	1.3±0.3mm φ
	Pressure of spray	0.3±0.1MPa
Distance of spray and material		25±5cm
Baking condition	Flash off	25°C × 10min.
	Baking	70°C × 30min.
Standard film thickness		30±5 μm

■ Coating performance

Test item	Test conditions	Result
Adhesion	Peeling off 1mm cross-cut adhesion tape(10 × 10)	100/100
Hardness	Mitsubishi pencil UNI 1kg of load	H
Eraser abrasion resistance	Sony eraser testing equipment, 1.64kgf, 100rounds	Pass
Alcohol resistance	99.5%ethanol, 500g/cm ² , 100rounds	Pass
Acid resistance	0.1N H ₂ SO ₄ , 5cc, 25°C × 24h	Pass
Alkali resistance	0.1N NaOH, 5cc, 55°C × 4h	Pass
Heat resistance	Peeling off 1mm cross-cut adhesion tape after 80°C × 120h	100/100
Humidity resistance	Peeling off 1mm cross-cut adhesion tape after 50°C × 98%RH × 120h	100/100
Heat cycle resistance	Peeling off 1mm cross-cut adhesion tape -30°C × 1h ⇔ 60°C × 3h, 10cycle	100/100
Weatherability	SWOM, 300h, ΔE=1.0 less than	Pass
Hydrolysis resistance	Check the hardness after 80°C × 90%RH × 2000h, Mitsubishi pencil UNI 1kg of load	Pass
Painting condition	Material ABS N7812-00 NEORABSAN MAT BLACK Paint : Hardener (Z-H-760) : Thinner(Z-29625)=10 : 1 : 5(by weight) Flash off 25°C × 10min Baking 70°C × 30min(Seven days before examination start) Dry film 30 ± 1 μ m	
※The listed property value is not value of standard by our test result. Please adopt it after examining it enough		

November, 2013 JRD-N781-,N783-V.E1.1