

General Description

Nippon Paint QB-232 Extra Sealer is a water-based acrylic sealer which is formulated to prevent deterioration of top coat by strong concentration of cement chemicals and provides a better surface condition for top coat to adhere on. It also gives a good protection for interior and exterior surfaces and is certified with “CIC Green Product Certification”.

Recommended For

- Interiors and exteriors
 - Cement plaster
 - Concrete
 - Quality skim coat

Features

- Excellent adhesion
- Quick drying
- Excellent alkali resistance
- Efflorescence resistance

Certification(s)



CIC GREEN
PRODUCT CERTIFICATION

Licence Number: C1CGPC-L-21132(P&C)

General Information

Colour:	White
Type:	Modified acrylic copolymer
Finishes:	Matt
Application Method:	Brush / Roller / Airless spray
Theoretical Coverage:	12.0 m ² /L/coat
Dilution:	Brush/Roller - max 30% water (Internal) - max 20% water (External) Spray - max 20% water (Internal) - max 10% water (External)
Dry Film Thickness:	30µm

Drying time: (at 25°C)	Touch dry: 30 mins
Overcoat Time: (at 25°C)	2 hrs
Full Curing (at 25 °C)	7 days
Specific Gravity: (at 25 °C)	>1.0
Solid Content:	>45%
Packing:	18L
Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint QB-232 Extra Sealer

Technical Data		
Test	Test Method	Result
VOC Content (g/L)	USEPA Method 24	<50
Formaldehyde (%)	ASTM D5910-05 (2012)	ND
Plasticisers Content (%) (DBP, BBP, DEHP, DINP, DNOP, DIDP)	CPSC-CH-C1001-09.3	ND
Heavy Metal (%) (Lead, Cadmium, Hexavalent Chromium, Mercury, Barium)	ISO 3856-1,4,5,7,3 : 1984	ND
Ozone Depleting substances (%)	Solvent extraction followed by analysis using Headspace Gas Chromatography Mass Spectrometry	ND
Low Temperature Stability @ -5°C	JIS K5660: 2008 7.7	There is no change in quality
Workability	JIS K5660 : 2008 7.5	There is no obstacle to apply materials twice by brush
Adhesion Test	BS 3900 : E6 : 1992	Classification: 0
Water Resistance (96 hrs)	JIS K5400-1990 8.19	No abnormalities on the film surface
Alkaline Resistance (48 hrs) (Saturated Calcium Hydroxide)	JIS K5400-1990 8.21	No abnormalities on the film surface

*ND = Not Detected

Nippon Paint QB-232 Extra Sealer

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

- Dirt/Powder: High-pressure wash (External). Clean with damp cloth (internal). Mild detergent may be used.
- Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.
- Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.
- Moisture: High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.
- pH Value: pH value should be less than 10.
- Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution
- Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Limitations

Avoid painting when the temperature is below 5°C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

Clean Up

Wash painted tools with water immediately after use.

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

For further enquiries, please call:

Nippon Paint (H.K.) Co., LTD

Tel: (852) 2699 9333

Fax: (852) 2602 8844

Website: <http://www.nipponpaint.com.hk>

General Description

Nippon Paint Jikitone Flexi Mid Coat is a one-component water-based styrene acrylic texture base coat with aggregates, providing a natural granite texture when used with Jikitone Flexi Top Coat.

Features

- Low VOC
- Excellent chemical resistance
- Excellent alkali resistance
- Excellent weathering resistance
- Good durability
- Excellent fungus resistance
- Cover small crack of wall
- Cover surface defects

Recommended For

- Interior and exterior masonry surfaces
 - Hotels
 - Schools
 - Residential buildings
 - Commercial buildings
 - Industrial buildings

General Information

Colour:	Special colours on request	Drying time: (at 25°C)	Touch dry: 2 hrs
Type:	Water-based styrene acrylic resin	Overcoat Time: (at 25°C)	>24 hrs
Finishes:	Matt	Full Curing (at 25 °C)	7 days
Application Method:	Spray	Specific Gravity: (at 25 °C)	~ 1.5 - 1.9
Theoretical Coverage:	2.5 – 5.0 kg/m ² /coat	Solid Content: (by weight)	>50%
Dilution:	Max. 5 % clean 2water	Packing:	30kg
Dry Film Thickness:	~1mm	Shelf Life:	12 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint Jikitone Flexi Mid Coat

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<20

Recommended Painting System

Sealer/Primer: One coat of QB 232 Extra Sealer

Mid-coat: One coat of Jikitone Flexi Mid Coat

Top Coat: One coat of Jikitone Flexi Top Coat

Protective coat: One coat of Jikitone Flexi Clear Coat

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder: High-pressure wash (External). Clean with damp cloth (internal). Mild detergent may be used.

Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.

Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.

Moisture: High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.

pH Value: pH value should be less than 10.

Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution

Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Limitations

Avoid painting when the temperature is out of the range 5 ~ 35 °C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process. Cannot be exposed to the rain within one week after construction.

Clean Up

Wash painting tools with water immediately after use

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

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General Description

Nippon Paint Jikitone Flexi Top Coat is a one-component water-based acrylic emulsion, providing an effect of imitated granite or stone texture for the granite painting system.

Features

- Low VOC
- Eco-friendly
- Easy application
- Good adhesion
- Excellent water resistance
- Good durability

Recommended For

- Interior and exterior masonry surfaces
 - Hotels
 - Schools
 - Residential buildings
 - Commercial buildings
 - Industrial buildings

General Information

Colour:	Special colours on request	Drying time: (at 25°C)	Touch dry: 2 hrs
Type:	Water-based acrylic resin emulsion	Overcoat Time: (at 25°C)	> 6 hrs
Finishes:	Matt	Full Curing (at 25 °C)	7 days
Application Method:	Spray	Specific Gravity: (at 25 °C)	~1.2
Theoretical Coverage:	0.2– 0.7 kg/m ² /coat	Solid Content: (by weight)	>51%
Dilution:	No	Packing:	18kg
Dry Film Thickness:	20-30µm	Shelf Life:	12 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint Jikitone Flexi Top Coat

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<10

Recommended Painting System

Sealer/Primer: One coat of QB 232 Extra Sealer

Mid-coat: One coat of Jikitone Flexi Mid Coat

Top Coat: One coat of Jikitone Flexi Top Coat

Protective coat: One coat of Jikitone Flexi Clear Coat

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder:	High-pressure wash (External). Clean with damp cloth (internal). Mild detergent may be used.
Paint:	Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.
Plaster:	Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.
Moisture:	High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.
pH Value:	pH value should be less than 10.
Fungus:	Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution
Oil/Grease:	Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Paint Preparation

Paint can only be stirred slightly by stick. (Do not stir by machine)

Limitations

Avoid painting when the temperature is out of the range 5 ~ 35 °C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

Clean Up

Wash painting tools with water immediately after use

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

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General Description

Nippon Paint Jikitone Flexi Clear Coat is a one-component water-based silicone acrylic emulsion designed for the protection of water-based multi-colored coatings.

Features

- Safe and eco-friendly
- Easy application
- Excellent adhesion
- Excellent stain resistance
- Excellent alkali resistance
- Excellent weathering resistance
- Excellent durability
- Excellent fungus and algae resistance
- Water resistance

Recommended For

- Interior and exterior masonry surfaces
 - Hotels
 - Schools
 - Residential buildings
 - Commercial buildings
 - Industrial buildings

General Information

Colour:	Semi-transparent	Drying time: (at 25°C)	Touch dry: 1 hr
Type:	Water-based silicone-modified acrylic resin	Overcoat Time: (at 25°C)	>6 hrs
Finishes:	Matt / Semi-gloss / Gloss	Full Curing (at 25 °C)	7 days
Application Method:	Roller / Spray	Specific Gravity: (at 25°C)	~ 1
Theoretical Coverage:	10.0 m ² /L/coat	Solid Content: (by weight)	52 %
Dilution:	Max. 5 % clean water	Packing:	18L
Dry Film Thickness:	20-30µm	Shelf Life:	24 months in sealed original packaging stored at room temperature and shaded place.

Nippon Paint Jikitone Flexi Clear Coat

Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<50

Recommended Painting System

Sealer/Primer: One coat of QB 232 Extra Sealer

Mid-coat: One coat of Jikitone Flexi Mid Coat

Top Coat: One coat of Jikitone Flexi Top Coat

Protective coat: One coat of Jikitone Flexi Clear Coat

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder: High-pressure wash (External). Clean with damp cloth (internal). Mild detergent may be used.

Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.

Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.

Moisture: High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.

pH Value: pH value should be less than 10.

Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution

Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Limitations

Avoid painting when the temperature is out of the range 5 ~ 35 °C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

Clean Up

Wash painting tools with water immediately after use

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

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