

General Description

Nippon Paint NSE010 Exterior Effectual Prime Coat is a premixed cementitious skim coat material modified with polymer. It is a water-resistant and fungus-resistant plaster which is ideal to be used for interior and exterior environments.

Recommended For

- Interiors or exteriors
 - Precast wall panel
 - Concrete surface
 - Cement sand render

Features

- Extremely low VOC
- Easy to use
- Excellent adhesion
- Water resistance
- Fungus resistance
- Anti-carbonation
- Excellent finish

General Information

Colour:	White	Drying time: (at 25°C)	Touch dry: 2 hrs
Type:	Premixed cementitious skim coat	Overcoat Time: (at 25°C)	~6 hrs for applying second coat of NSE 010 ~12 hrs for applying paint
Finishes:	N/A	Full Curing: (at 25°C)	7 days
Application Method:	Troweling / Spray	Specific Gravity: (at 25°C)	N/A
Theoretical Coverage:	0.8-1.0 kg/mm/m ²	Solid Content: (by volume)	>99%
Dilution:	N/A	Packing:	25kg
Mixing Ratio: (by volume)	Powder : Water = 3.0~4.0 : 1	Shelf Life:	4 months in sealed original packaging stored at room temperature and shaded place..
Dry Film Thickness:	~0.8mm for 0.8-1.0 kg/mm/m ²	Pot Life: (at 25°C)	2 hrs

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Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	<50
Initial Tensile Adhesion Strength (N/mm ²)	HKHA SL 2014 (June 2018) FIN7.M790.B Cl 2.c BS EN 1015-12 : 2000	1.2
Tensile Adhesion Strength After Water Immersion (N/mm ²)	HKHA SL 2014 (June 2018) FIN7.M790.B Cl 2.c BS EN 1015-12 : 2000	1.0
Tensile Adhesion Strength After Heat Ageing (N/mm ²)	HKHA SL 2014 (June 2018) FIN7.M790.B Cl 2.c BS EN 1015-12 : 2000	1.0
Tensile Adhesion Strength After Freeze-thaw (N/mm ²)	HKHA SL 2014 (June 2018) FIN7.M790.B Cl 2.c BS EN 1015-12 : 2000	1.8
Water Retentivity (%)	HKHA SL 2014 (June 2018) FIN7.M790.B Cl 2.c BS 4551 : 2005	100%

No of Layers Recommended

1~2 coats (Max. 2mm wet thickness for each coat)

Note

Do not re-use semi-cured paste.

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials. Pre-wetting of substrate is not a necessary process. However, pre-wetting of substrate with clean water will help give the best bonding effect. Apply max. 2 mm well-mixed paste onto the substrate. Wait for 1-2 hours to allow air bubbles to be released from the substrate. If requiring for multi-layer, apply the next coat after the previous coat is hardened. Trowel the paste surface to give a surface with flat and smooth finish.

- ✧ **Ensure fresh air ingress while applying and before dry done**
- ✧ **High humidity and cool temperature will result in longer drying time**

Skim Coat Preparation

Add in the powder slowly while continuously mixing with an electric hand-held mixer. Further mixing for 5 minutes until lump-free homogenous paste has been achieved.

Limitations

Avoid application 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 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>