



## NIPPON MOISTURE KILLER PRIMER

### Product Description:

Nippon Moisture Killer Primer is low VOC, environmentally friendly paint Primer. It is specially formulated to give excellent alkali and efflorescence resistance and also provide very good adhesion properties. For the best results, It is recommend to apply Nippon Moisture Killer as system instead of applying primer only.

### Recommended Uses:

Specially designed as a primer for new and old cement rendered surfaces in both internal and external conditions such as cement plaster, precast concrete, cast in-situ concrete, brickwork, hard/soft boards and Gypsum board.

### Composition:

**Binder** : Modified Acrylic Polymer

**Thinner** : Water

### Properties:

**Color** : White

**Recommended no. of coats** : 2 coats

**Drying Time** : *Touch dry*: 45 minutes  
*Hard Dry*: 2 hours (dependent on temperature & Humidity)

**Recoating Interval** : 2-3 Hours

**Theoretical Coverage** : 9 - 11 m<sup>2</sup> per liter per coat  
: (Actual coverage is dependent on substrate condition. Irregular and porous substrate require more paint)

**Dry Film Thickness Recommended per coat** : 35 - 40 µm

### **Application Method**

**Dilution** : Brush / Roller

: 1<sup>st</sup> coat: Dilute up to 50% with clean water.

**Clean Up**2<sup>nd</sup> coat: No dilution required

All tools should be cleaned with water immediately after use.

**Surface Preparation:****Bare Masonry**

Allow all surfaces to dry completely prior to painting. Remove dirt, dust, grease, and any other contaminants. Smoothen the surface using suitable sand paper or sandstone. Dust off thoroughly.

Do not use curing membranes, hardeners, dryers and/or accelerators based on calcium chloride in the concrete mix.

Treat the surface with Nippon Moisture Killer Solution by evenly distributing it with brush, and allow it to sit on the surface for at least 15 minutes before clearing it with a water blaster and leave the surface to dry at least for 3-4 hours.

**Previously Painted Surfaces**

Sanding with abrasive paper, a power brush, or a scraper whichever is suitable should be done to remove previously applied paint and expose the bare surface, as the system is designed to perform best on bare surfaces. Applying the moisture killer system on previously applied paint may reduce its effectiveness. Repair any wall areas where plaster damage has occurred before applying the moisture killer system, and allow the surface to dry again (moisture level of the surface should be below 50%) before application. Treat the surface with Nippon Moisture Killer solution, followed by a water wash, and leave it for at least 3-4 hours before the application of primers. For minor cracks or damage, putty can be applied after the whole system has been applied, but before the topcoat.

**Recommended Paint System**

Sequence	Product Name	No. of Coats	Remarks
<b>Step-1</b>	Moisture Killer Solution	1	* Use brush for the application of Moisture Killer solution.
<b>Step-2</b>	Nippon Moisture Killer Primer (50% diluted)	1	
<b>Step-3</b>	Nippon Moisture Killer Primer (undiluted)	1	* Use brush to apply first coat of 50%diluted Moisture killer.
<b>Step-4</b>	Nippon Moisture Killer Flexi (undiluted)	1	
<b>Putty</b> (For exterior surface putty can be skipped)	Nippon Weatherbond Putty (Use Nippon Weatherbond putty for Interior and Exterior surfaces)	2-3	* Use roller for the application of undiluted Moisture killer primer & Moisture killer Flexi
<b>Topcoat / Finish</b>	Spotless/ Easywash / Weatherbond / Weatherbond Advance	3-4	

<b>Standard Packing</b>	:	1L
<b>Shelf Life</b>	:	Up to 18 months in a tightly sealed container
<b>Storage</b>	:	Store in a tightly Sealed container in a cool dry place

**Precaution**

Safety must be ensured by wearing safety goggles and gloves especially while applying the Moisture Killer Solution.

**Safety, Health and Environmental Information:**

- Keep container tightly closed and keep out of reach of children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environmental Quality Regulations.
- Do not use empty container for food or drinking purpose.

**Note:**

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.