

**FEATURES**

Excel Primer is acrylic solvent based primer. It is specially formulated for direct painting on chalky surfaces such as painted deteriorated wall, skim coated walls and plaster ceilings to enhance inter-coat bonding for the finishing topcoat. It also provided good depth of penetration to enhance adhesion for subsequent topcoat.

- Good depth of penetration to enhance adhesion for subsequent topcoat
- Good for chalky and powdery surfaces
- Excellent alkali and efflorescence resistance
- Resistance against fungus and algae

**PRODUCT INFORMATION**

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Paint type            | Acrylic solvent base                                           |
| Product type          | Exterior and Interior                                          |
| Film appearance       | Clear                                                          |
| Colour                | -                                                              |
| Grade                 | Premium                                                        |
| Recommended substrate | Masonry, plastering, concrete, brick, fibre cement board, etc. |
| Pack size             | 1 Gallon and 5 Gallon                                          |

**TECHNICAL INFORMATION**

|                      |                                                                              |                                                 |
|----------------------|------------------------------------------------------------------------------|-------------------------------------------------|
| Theoretical coverage | 30 - 37                                                                      | m <sup>2</sup> per gallon per coat              |
|                      | (Actual coverage is dependent on substrate condition and application method) |                                                 |
| No. of coat          | 1                                                                            | coats                                           |
| Solid by volume      | 16-20                                                                        | %                                               |
| Solid by weight      | 18-22                                                                        | %                                               |
| VOC                  | -                                                                            | g/L                                             |
| Wet film thickness   | 100-110                                                                      | micron                                          |
| Dry film thickness   | 20-30                                                                        | micron                                          |
| Touch dry (25-30°C)  | 45                                                                           | minutes                                         |
| Recoat dry (25-30°C) | > 4 hrs                                                                      | hours (depending on temperture and environment) |
| Full cure (25-30°C)  | 7                                                                            | days                                            |

**REFERENCE STANDARD**

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**APPLICATION**

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Application Method | Brush, Roller or Spray                                     |
| Diluted by         | -                                                          |
| Dilution (%)       | No thinning is required. Should stir the paint before use. |

**SURFACE PREPARATION**

|             |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Old Surface | <p>Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. (avoid wire brush)</p> <p>Repair cracks, uneven surfaces with Nippon Paint Vinilex Wall Putty.</p> <p>Treat any areas affected by fungus growth by scrubbing and allowing the surface to dry completely before painting then apply with Nippon Paint Vinilex Bio Wash 1 coat and leave it until dry.</p> |
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|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| New Surface | <p>Ensure that the surface is clean and dry it must be free from dirt, greases and other foreign matters.<br/>Allow all surfaces to dry completely prior to painting. (At least 28 days)</p> <p>Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 14% measured by protimeter, below 6% by Kett model HI-520 and alkalinity of the walls to be below pH 8.)</p> <p>Repair cracks, uneven surfaces with Nippon Paint Vinilex Wall Putty.</p> |
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## PAINT SYSTEM

|                             |                                                                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Old Wall / Skim Coat Primer | Nippon Paint Excel Primer 1-2 coats                                                                                                                                                                                      |
| New Wall Primer             | Nippon Paint Excel Primer 1-2 coats                                                                                                                                                                                      |
| Top Coat                    | <p>For exterior; Nippon Paint Weatherbond 2-3 coats.</p> <p>For Interior; Nippon Paint AirCare 2-3 coats.</p> <p>**For deep tone, recommend applying the first coat with a lighter tone for good hiding performance.</p> |

## HANDLING AND STORAGE

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage condition | <p>The product must be stored in a dry, well-ventilated space and keep the container tightly closed.</p> <p>When transporting paint, the product should separately from others. Not recommended to place the product outdoor or exposed to the sun directly and must separately be stored between enamel paint and thinner, which is a flammable substance.</p>                                                                     |
| Precipitation     | <p>Place the product for a long time may lead the pigment to precipitate at the bottom of the container and can deteriorate over time when not stir product to a homogeneous by using suitable tools, such as an electric drill, air drill, or a stirrer. Therefore, should stir the product to the homogeneous phase before use. If not, the product will cause paint problems e.g. low hiding power or non-equal color shade.</p> |
| Shelf life        | 5 years at 30-35 °C                                                                                                                                                                                                                                                                                                                                                                                                                 |

## SAFETY PRECAUTIONS

Precautionary notices are displayed on the container. Use product under well-ventilated area. During use, the product must keep away from the source of ignition and no smoking. Avoiding skin contact or inhale product. In case of contact with the eye, rinse with plenty of water immediately and seek medical advice. Remove splashes from the skin by using soap or water. For others information in terms of health and safety hazards for use of this product, please observe the Safety Data Sheet.

## DISCLAIMER

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

## NOTE

We reserve the right to alter the given without prior notice.

The data are average values for reference only. However, the actual value depends on environmental conditions.