



TECHNICAL DATA SHEET FOR

**NIPPON ELASTOMERIC CRACK BRIDGING EXTERIOR WALL PRIMER**

<b>DESCRIPTION</b>	Nippon Elastomeric Crack Bridging Exterior Wall Primer is an excellent primer to protect the topcoat on both interior and exterior walls which are prone to hairline cracking due to the movement of the substrate to be painted. It has good elongation properties necessary to accommodate the movement of hairline cracks in masonry substrates. To some extent it has waterproofing properties.
<b>TYPE</b>	Styrene acrylic co-polymer Emulsion based primer
<b>COLOUR</b>	White
<b>USES</b>	It is recommended for Interior/ Exterior walls.
<b>FEATURES</b>	Excellent flexibility (Elongation at break 370%) Outstanding crack bridging ability and filling properties Fine resistance to alkali Good waterproofing properties.

**APPLICATION DATA**

<b>METHOD</b>	Roller, brush, spray
<b>DILUTION</b>	Stir well before use. Apply 1 coat with brush or roller on a dry surface and avoid excessive thinning. (Thinning max 10 % with water)
<b>THEORETICAL COVERAGE</b>	7 - 8 m <sup>2</sup> /liter (80 - 90 ft <sup>2</sup> /liter) at dry film thickness of 35 - 40 microns <i>* The actual coverage will depend on the surface texture &amp; method of application</i>
<b>SURFACE PREPARATION</b>	The substrate must be clean and free from loose particles, dirt, grease and traces of foreign material For loose plaster areas, remove the defective materials and re-plaster the area.

**Suggested surface treatment**

- i. Dirt/Powder  
High-pressure water (external) wash. Clean with damp cloth (internal). A Mild detergent may be used.
- ii. Paint  
Unstable old film to be removed by high - pressure wash or scraper whichever is appropriate.
- iii. Plaster  
Remove by chisel, scraper, powder grinder etc. Replace to wards a stable surface with an approved mortar mixture.



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- iv. Moisture  
High moisture causes paint defects. Observe the following levels prior to painting :
  - Masonry - below 12 %
  - All water seepage must be checked
- v. Fungus  
Remove by high - pressure jet wash and treat with NIPPON ANTI - FUNGUS SOLUTION. Rinse again with clean water and dry.
- vi. Oil / Grease  
Clean off with a mild detergent and a little solvent. Wash thoroughly to remove all traces.

### DRYING TIME

Surface drying	30 minutes at 30 °C ± 2 °C and RH 65 % ± 5%
Hard Dry	16 hours at 30 °C ± 2 °C and RH 65 % ± 5%
Over coat	3 hours at 30 °C ± 2 °C and RH 65 % ± 5%

### RECOMMENDED TOP COAT

Internal surfaces: 2 coats of Nippolac Emulsion / Kitchen & Bathroom Paint  
External Surfaces (Nomal Walls): 2 Coats of Nippolac Weatherproof  
External Surfaces (Blind Walls): 2 Coats of Nippon Aqua Proof 7 in 1

### CLEANING

All equipment should be cleaned with water immediately after use.

### GENERAL INFORMATION

#### SOLID CONTENT

58 ± 2 % by weight

#### DENSITY

1.30 ± 0.10 kg/liter

#### PACKING

1 ltr, 4 ltr, 10ltr , 20 ltr & 200 ltr

#### STORAGE

Store in a tightly sealed container in a cool dry place.

#### SHELF LIFE

Up to 5 years in a tightly sealed container

#### PRECAUTIONS

Keep away from food.  
Avoid contact with eyes & sensitive skin.  
In case of contact, wash with running water.  
Use appropriate protective equipments & provide ample ventilation during application.  
Keep the product out of reach of children.



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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.

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