



NATIONAL WOOD PRIMER

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| PRODUCT DESCRIPTION | It is a general purpose, high performance alkyd based primer for wooden surfaces. It has good leveling and hiding properties, so as to cover the wooden surface grains smoothly. It is durable and resistant to moderate environments and has good adhesion also. It dries to give a smooth matt finish resistant to cracks and withstands abrasions. It is an economical, general – purpose primer for wooden surfaces. |
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| RECOMMENDED USES | It is used as a general – purpose primer for soft wood, hard wood, plywood, chipboard etc. in carpentry/furniture fields. National wood primer can be applied for interior/exterior applications. It can be over coated with National Synthetic Enamel or National Emulsion Paints. It is not suitable for the applications of constant water immersions or continuous marine environments. It is used for only air – drying applications. |
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TECHNICAL DATA

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| COLOUR, DRY FILM | White & Pastel Colours |
| FINISH, DRY FILM | Smooth / Matt |
| VOLUME SOLIDS (ASTM D2697) | 50 ± 2% |
| SPECIFIC GRAVITY | 1.50 ± 0.05 |
| THEORETICAL SPREADING | 16.5 – 12.5 M ² / LTR |
| RECOMMENDED DFT (DRY FILM) | 30 – 40 Microns / Coat (Depends on surface) |
| RECOMMENDED WFT (WET FILM) | 60 – 80 Microns / Coat |
| FLASH POINT | 38°C |

DRYING TIME

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| Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.) | |
| TOUCH DRY | 1 – 1 ½ hours |
| *DRY TO RECOAT | 12 hours |
| HARD DRY | 24 hours |

* For same generic type paint.

ADVANTAGES

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| NATIONAL WOOD PRIMER | General purpose and economical, good adhesion, leveling and hiding properties, resistant to cracks and withstands abrasions, suitable for interior/exterior applications etc. |
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APPLICATION INSTRUCTION

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| SURFACE PREPARATION | Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods. |
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APPLICATION DATA

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| APPLICATION METHOD | Brush, Roller, Spray etc. |
| CLEANING/THINNING | National GP Thinner |
| THINNER (VOLUME) | 5 – 15% depends on the method of application |
| CONV. SPRAY REQUIREMENTS | Possible |
| AIRLESS SPRAY REQUIREMENTS | Pressure: 2000 – 2200 psi |
| NOZZLE SIZE | 0.018” – 0.020” |
| MIXING RATIO (BY VOLUME) | One pack |
| POT LIFE @ 30°C (100 ml) | NA |

SYSTEM

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| RECOMMENDED SYSTEM To be applied on prepared surface. | National Wood Primer | : 1 coat |
| | National Stucco Filler (for Interior) (if required) | : 2 coats |
| | National Synthetic Undercoat | : 1 coat |
| | National Synthetic Enamel Gloss I or II | : 2 coats |
| | (OR) | |
| | National Emulsion Paint (Washable) | : 2 coats |

NATIONAL/INTERNATIONAL TEST CERTIFICATES

| Sr. No. | Test Description | Test Reference | Compliance |
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| 1 | VOC | ISO 11890 – 2 | Local Regulatory Requirements |
| 2 | Heavy Metals (Mercury, Lead, Cadmium, Chromium/ Arsenic./ Antimony) | ISO 3856 / ISO 2590 / ISO CP - OES | Local Regulatory Requirements |
| 3 | TBT / TPT / Halogenated Hydrocarbon / Aromatic Hydrocarbon) | ISO 17353 / ASTM D 4457 / ASTM D 3257 | Local Regulatory Requirements |
| 4 | Formaldehyde | ASTM D 6191 | Local Regulatory Requirements |



ADDITIONAL DATA

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| SHELF LIFE @ 30°C | 18 months, in original sealed container, with proper storage conditions. |
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HEALTH & SAFETY

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| SAFETY PRECAUTIONS | <p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations to be followed.</p> |
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STORAGE & HANDLING

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| STORAGE | <p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p> |
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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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