TECHNICAL DATA SHEET

NC PRIMER

PRODUCT DESCRIPTION

An alkyd-based primer for interior and exterior woodwork. Designed as a primer for timber and hardboard surfaces.

FEATURES

1. Excellent adhesion to timber and hardboard
2. Easily overcoated with conventional decorative coatings
3. Provides good protection for wood

PRODUCT INFORMATION

Property	Description
Appearance	Low sheen
Colours	White
Solids	81.7% by mass; 64.3% by volume
Density	1.69 kg/L
Recommended Wet Film Thickness	62 µm
Recommended Dry Film Thickness	40 µm
Spreading Rate	8–10 m²/L depending on surface grain
Viscosity (23°C)	75–95 KU
Flash Point	35°C
Environmental Care	Dispose of excess product and containers responsibly

STORAGE & PACKAGING

Storage: Keep containers sealed. Store away from direct heat, sunlight, and severe cold in a well-ventilated area.

Packaging: 1 L, 3.6 L, 18 L

APPLICATION GUIDELINES

Surfaces must be sound, clean, and dry (moisture content below 15%) before painting.

NEW WORK

Wood

- Sand smooth
- Remove dust
- Apply Primer directly

Hardboard

- Sand smooth
- Remove dust
- Apply Primer directly

REDECORATING

Wood

- Sand down to raw wood
- Remove dust
- Apply Primer directly

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841

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Hardboard / Grey Weathered Wood

- Sand down to raw board
- Remove dust
- Apply Primer directly

GENERAL APPLICATION DETAILS

Mixing

- Stir well before use with a flat paddle to achieve an even consistency. Stir occasionally during use.

Application Method

Roller or brush.

Thinning

- City Paints NC Thinner

Cleaning

- Remove excess products from tools before cleaning with City Paints NC thinner.

APPLICATION CONDITIONS

Condition	Minimum	Maximum
Surface Temperature	5°C	40°C
Ambient Temperature	5°C	40°C
Relative Humidity	10%	85%

Apply when the surface is at least 3°C above dew point and preferably away from direct sunlight.

DRYING TIME (23°C)

- **Touch Dry:** 4 hours
- **Overcoating:** 6 hours

Higher temperatures accelerate drying; lower temperatures slow it down.

REQUIREMENTS

Apply **1 coat** for proper penetration.

LIMITATIONS

1. Only intended as a primer for wood and hardboard
2. Must be over-coated within 7 days (not UV-stable)
3. Do not apply to previously painted or varnished wood

SAFETY PRECAUTIONS

1. Keep out of reach of children
2. Ensure adequate ventilation during application and drying
3. Avoid skin and eye contact; wash with soap and water if contact occurs
4. If ingested, drink water or milk; do not induce vomiting; seek medical advice
5. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria.
6. To avoid any risk of spillage, always transport in a secure upright position.

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