

## NOVA 16 INDOOR / OUTDOOR SEALER

Nova 16 is an ultra-long life exterior timber varnish which provides a decorative, durable gloss finish that protects against the damaging effects of sun, water, weather and mildew. Nova 16 is UV stabilized with anti – fungal and water repellent properties for lasting protection. It provides a tough hard-wearing finish for timber, and will not crack, peel or blister. Based on synthetic polymers, Nova 16 offers excellent durability and enhances the texture, grain and natural look of timber.

Nova 16 is suitable for use on garden furniture, windows/shutters, balustrading, doors, fascia's, gates, pergolas and garage doors.

Nova 16 may be used on sundecks and can be used to protect wooden decks, however, this product does not have good resistance to foot traffic, and would therefore need to be re-applied regularly.

Nova 16 is not suitable for use on surfaces which have been previously coated with an oil-based sealer e.g. Nova 15 Timberseal.

Nova 16 is recommended by the Merensky Foundation.

### PHYSICAL/CHEMICAL PROPERTIES

<b>Product Code/s</b>	N16IMB, N16KIA, N16MAH, N16NAT, N16MER, N16SAP, N16DOA
<b>UV &amp; Water Resistant</b>	Yes
<b>Type</b>	Polyurethane
<b>Full Cure @ 25°C</b>	24 Hours
<b>Re-coating Time</b>	8 Hours between coats
<b>Viscosity @ 23°C</b>	34 – 38 Krebs Units
<b>S.G.</b>	0.9 – 1.0
<b>Solids</b>	50% - 53%
<b>Gloss Level</b>	Gloss
<b>Coverage</b>	8 - 10m <sup>2</sup> /lt per coat depending on surface porosity
<b>Shelf Life</b>	12 months if stored in an unopened, sealed container

**DISCLAIMER**

This information, based on our expertise and tests, is believed to be reliable and is given in good faith, but without warranty. We cannot accept liability for any damage, loss, accident, and patent infringement or for operations not under our direct control resulting from the use of this information. We recommend that purchasers carry out their own tests, to determine to their own satisfaction, on the suitability of any product for their purpose. As this product is used outside of our control, we cannot accept liability for any loss or damage whatsoever.

**SURFACE PREPARATION & APPLICATION****PREVIOUSLY TREATED WOOD:**

- Remove old paint or varnish with Nova 8 Novastrip. Rinse with Nova 10 Wax Remover followed by water to remove residue and allow to dry completely.
- Sand to a fine smooth finish.
- Severely neglected surfaces must be thoroughly sanded to remove any discoloured wood and dry rot.
- Less severely affected wood surfaces e.g. blackened wood, can be restored by mixing 1-part Washing Soda to 10-parts warm water. Leave for 30 minutes to 1 hour.
- Remove sludge with a scrubbing brush or scrapper. Rinse thoroughly and allow to dry completely.
- Sand to a fine smooth finish.

**NEW WOOD:**

- Wipe hardwood with a cloth and Genkem Mineral Turpentine.
- Sand to a fine, smooth finish.
- Ensure all surfaces are completely clean and free from all dirt and dust before application.

**APPLICATION:**

- Do not use at temperatures below 5°C.
- Stir well before use.
- The first coat may be diluted with up to 20% Genkem Mineral Turpentine, to improve penetration. Subsequent coats must be applied undiluted.
- Apply using a clean brush.
- Work in well, especially on end grain.
- Allow to dry for at least 8 hours. Drying times may be extended during cold or wet weather.
- Apply a second and third coat.
- For a better gloss, allow each coat to dry for 24 hours and sand lightly between coats.

**NOTE:**

- Nova 16 may be applied with a spray gun. In this case, the product may be thinned with up to 20% Genkem Mineral Turpentine prior to spraying.
- Nova 16 may be applied over Nova 14 where a gloss finish is required, but must not be applied over Nova 15.
- When sanding prior to application, sand in the direction of the grain to avoid raising wood fibres as these will adversely affect the end result.
- When applying varnish or sealer, apply in long, overlapping coats, working in the direction of the grain. Do not apply too thickly as runs, wrinkling or sagging may occur.

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Easy to choose...Easy to use

# TECHNICAL DATA SHEET

Consumer Care Line: 0800 202 655

Email: [info@genkem.co.za](mailto:info@genkem.co.za)

Website: [www.novacoatings.co.za](http://www.novacoatings.co.za)

**MANUFACTURERS OF GENKEM | NOVA | BOURNE | SANDTEX | TILE DOCTOR**

## **CLEAN UP:**

Clean all equipment immediately after use with Nova 11 Brush Cleaner & Degreaser or Genkem Mineral Turpentine.

## **MAINTENANCE:**

- When maintenance becomes necessary, remove any loose or flaking varnish by sanding the surface to a fine, smooth surface.
- Remove all dust and re-coat the clean surface.
- If possible, purchase containers with the same batch number to avoid possible colour variation.

## **SPECIAL PRECAUTIONS:**

- Ensure good ventilation during application and drying.
- Do not smoke during application.

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## HEALTH & SAFETY MEASURES

### Cautionary Statement:

All household and industrial chemicals and solvent-based products should be treated as potentially hazardous, whether they are labeled so or not. Deliberate misuse of inhalation of vapours of products containing solvents without adequate ventilation, may cause eye watering, weakness, fatigue, nausea, headaches or dizziness.

### Solvent-based Products

- This material is essentially hazardous (contains solvents).
- Always keep product out of reach of children and animals.
- Flammable. This product should be stored in a cool, dry place (8°C - 25°C) away from heat, flames and sparks.
- Keep container closed when not in use – check for leaks.
- Ensure good ventilation during application and drying.
- Do not smoke whilst applying this product.
- Use caution when opening the container. Due to variations in temperature, the contents of the container may be under pressure. Close container after each use.
- Brushes and rollers soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, clean brushes and rollers or place in sealed containers filled with water.

### First Aid Measures:

- Eye contact – take care to avoid contact with eyes. In case of contact, immediately rinse the eyes with plenty of water (15 minutes) and seek medical advice.
- Skin contact - if accidental contact with skin should occur, wash the area immediately with warm, soapy water or with a recognized skin cleaner.
- Ingestion (Accidental Swallowing) – harmful if swallowed. Drink 3 – 5 glasses of water. Do not induce vomiting. Seek medical advice immediately or call your local Poison Information Centre.
- Inhalation – do not inhale solvent fumes. Always work in a well ventilated area.

### Transportation:

- This product is classified as Dangerous Goods by Dangerous Goods Code for Transport by Road or Rail. Care must be taken to secure product during transportation to avoid spillages.

### Accidental Spillages:

- Prevent run off into drains and waterways. Use absorbent soil or sand, inert material. Collect in container for disposal.
- Disposal recommendation – do not pour left over product down drains. Unwanted product should be disposed of by a waste company. Advice product is of a flammable nature.

### Fire Fighting Measures:

- Specific Hazards – Flammable liquid – extinguish with foam, dry agent (carbon dioxide, dry chemical powder).

### Ecological Measures:

- Avoid contaminating drains, sewers, rivers, etc.

**MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST.**



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